CLEARWATER CAMPUS
2465 Drew Street
Clearwater, FL 33765-2816
Telephone 727-791-2400

HEALTH EDUCATION CENTER
7200 66th Street North
Pinellas Park, FL 33781-4005
Telephone 727-341-4772

TARPON SPRINGS CAMPUS
600 Klosterman Road
Palm Harbor, FL 34683-1299
Telephone: 727-712-5750 or
727-938-3744

ST. PETERSBURG/GIBBS CAMPUS
6605 Fifth Avenue North
St. Petersburg, FL 33710-6801
Telephone 727-341-4772

SEMINOLE CAMPUS
9200 113th Street North
Seminole, FL 33772-2800
Telephone 727-341-4772

SPC DOWNTOWN CENTER
201 – 4th Street N
St. Petersburg, FL 33701
Telephone 727-893-9584

FLORIDA INTERNATIONAL MUSEUM
100 Second Street North
St. Petersburg, FL 33701-3312

St. Petersburg College

(formerly known as St. Petersburg Junior College)

2004–2005 CATALOG

SPC'S Preferred
Mailing Address (all campuses)
P.O. Box 13489
St. Petersburg, FL 33733-3489

WORLD-WIDE WEB ADDRESS
http://www.spcollege.edu

ALLSTATE CENTER
3200 34th Street South
St. Petersburg, FL 33711-3829
Telephone 727-341-4772

EPICENTER
13805 58TH Street North
Largo, FL 33760
Telephone 727-341-4472

SPC @ ICOT CENTER
14044 ICOT Boulevard
Clearwater, FL 33760
Telephone 727-341-4445

Young-Rainey STAR CENTER
7887 Bryan Dairy Road
Largo, FL 33777
Telephone 727-549-6160

CAMPUS SECURITY/CRIME INFORMATION

A copy of St. Petersburg College's Annual Security Report, which includes statistics for the previous three (3) years concerning reported crimes that occurred on campus; in certain off-campus buildings or property owned or controlled by St. Petersburg College; and on public property within or immediately adjacent to and accessible from the campus and which includes institutional policies concerning campus security, such as policies concerning alcohol and drug use, crime prevention, the reporting of crimes, sexual assault and other matters, can be obtained by contacting either the Associate Provost's Office, Site Administrator's Office, the Campus Security Office or the Office of Human Resources.

EQUAL ACCESS/EQUAL OPPORTUNITY

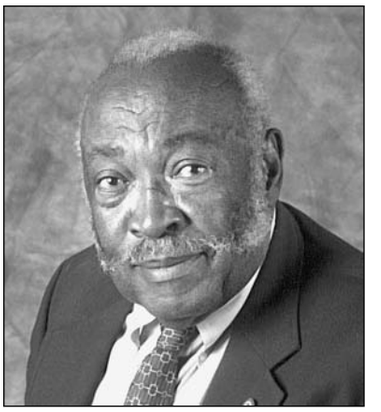
St. Petersburg College is dedicated to the concept of equal opportunity. The college will not discriminate on the basis of race, color, religion, sex, age, national origin or marital status, or against any qualified individual with disabilities, in its employment practices or in the admission and treatment of students. Recognizing that sexual harassment constitutes discrimination on the basis of sex and violates this rule, the college will not tolerate such conduct. Should you experience such behavior, please contact the director of EA/EO at (727) 341-3602 or (727) 341-3257 or by mail at PO Box 13489, St. Petersburg, FL 33733-3489.

ACCREDITATION

St. Petersburg College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097: Telephone number 404-679-4501) to award Associate and Bachelor Degrees.

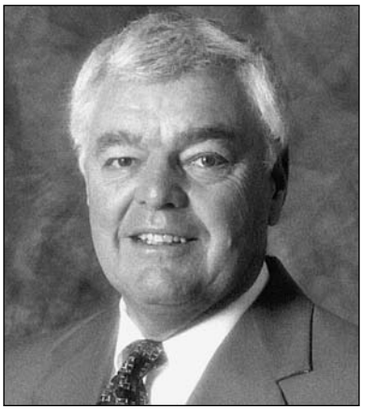
Board of Trustees

Kenneth P. Burke, Chairman



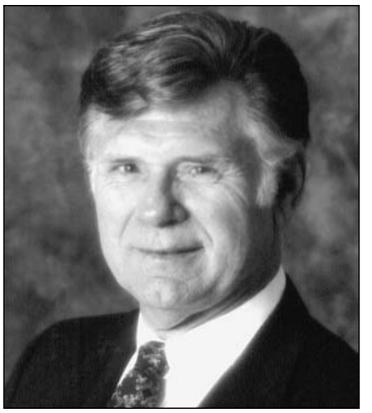
Cecil B. Keene, Vice Chaiman

Evelyn M. Bilirakis



W. Richard Johnston

Susan D. Jones



Carl M. Kuttler, Jr.
President

Trustees emeriti of St. Petersburg College (formerly known as St. Petersburg Junior College) since the Board of Trustees was created in 1968 are: Arthur Libby Albers, Philip Benjamin*, Stanley A. Brandimore, L. Chauncey Brown*, Janice C. Buchanan, Laurel J. Chadwick, Pamela Jo Davis, William W. Gilkey, Thomas H. Gregory, Lacy R. Harwell*, Paul Hatchett, James E. Hendry*, Ann G. Hines, H. W. Holland*, W. Richard Johnston, Joseph H. Lang (designated Chairman Emeritus), Beatrice Lewis, E. C. Marquardt*, J. Patrick McElroy, Demos A. Megaloudis*, Gary Megaloudis, Reina C. Pollack, Kenneth T. Welch, Mac J. Williams*, and Robert C. Young. *Deceased

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NOTICE REGARDING POLICIES FOUND IN THIS CATALOG AND CHANGES TO POLICIES

Students need to review Board of Trustees (BOT) Rules and Procedures to determine complete policies. Students may review BOT Rules at the library or provosts' office. This catalog is for information only and does not constitute a contract between the applicant/student and the College. The College reserves the right to change, modify or alter without notice all fees, charges, tuition, expenses, and costs of any kind and further reserves the right to add or delete without notice any course offering or information in this catalog. The College further reserves the right to change any provision or requirement when such action becomes necessary.

ST. PETERSBURG COLLEGE
ACADEMIC CALENDAR 2004-2005**

FALL SEMESTER 2004 – Session I – 0340 – 20041

June 4	International students – Last day to apply with assurance of completion of all requirements
June 7-8	Registration – Special Programs
June 9 – June 25	EARLY Registration
June 28 – August 21	OPEN Registration
August 19 (TH)	Faculty Report for Duty
August 19-20 (TH-F)	Faculty In-service Days – No classes meet
August 20-27 (F-F)	Senior Citizen and State Employee Fee Waiver Registration for Regular Classes
August 23 (M)	**REGULAR, 1st 8 WEEK MOD and ON-LINE CLASSES BEGIN**
August 23-27 (M-F)	Regular, 1st 8 Week MOD and On-line Classes – Last week of registration without late fee
August 27 – 2 p.m. (F)	Regular, 1st 8 Week MOD and On-line Classes – Last day to drop and receive refund and last day to register to change to Audit
August 27 (F)	**WEEK-END CLASSES BEGIN**
August 29 (Sun)	TV CLASSES BEGIN
August 29 – Sept. 3 (Sun-F)	TV Classes – Last week of Registration Without Late Fee
September 3 – 2 p.m. (F)	TV Classes – Last day to drop and receive refund and last day to register to change to Audit
September 3 – 2 p.m. (F)	CLAST Registration Deadline
September 6 (M)	**COLLEGE CLOSED** – Labor Day
September 17 – 2 p.m. (F)	Last day to apply for December 2004 graduation for timely receipt of diploma, name in program and participation in ceremony
September 17-24 (F-F)	Senior Citizen and State Employee Fee Waiver Registration for Express Classes
September 20 (M)	**EXPRESS CLASSES BEGIN**
September 24 – 2 p.m. (F)	1st 8 Week MOD – Last day to Withdraw with a Grade of "W"
September 24 – 2 p.m. (F)	**Express Classes** – Last day to drop and receive refund and last day to register to change to Audit
October 2 (S)	**CLAST**
October 12 (T)	Faculty In-service Day – **NO CLASSES**
October 15 (F)	1st 8 WEEK MOD ENDS
October 18 (M)	**2nd 8 WEEK MOD BEGINS**
October 22 (F)	2nd 8 Week MOD – Last day to drop and receive refund and last day to register to change to Audit
November 1 (M)	Regular, Express and On-line Classes - Last Day to Withdraw with a Grade of "W"
November 8 (M)	TV Classes – Last Day to Withdraw with a Grade of "W"
November 19 – 2 p.m. (F)	2nd 8 Week MOD – Last day to Withdraw with a Grade of "W"
November 24-28 (W-Sun)	**COLLEGE CLOSED** – Thanksgiving Vacation
December 10-11 (F-S)	Final Examinations – Week-end Classes
December 11, 13-14 (S,M-T)	Final Examinations – TV Classes
December 13-17 (M-F)	Final Examinations – Regular and Express Classes
December 17 – 3 p.m. (F)	Final Grades Due in System
December 18 (S)	**COMMENCEMENT**
December 20-31	Winter Break – Students and Faculty
December 20 & 21 (M-T)	**COLLEGE OFFICES OPEN – ADMISSIONS, BUSINESS OFFICE, COUNSELING, FINANCIAL AID, REGISTRATION, TESTING**
December 22-31	**COLLEGE CLOSED** – Winter Break

SPRING SEMESTER 2005 – Session II – 0345 – 20042

November 5 (F)	International students – Last day to apply with assurance of completion of all requirements
November 8-9 (M-T)	Registration – Special Programs
November 10-23	EARLY Registration
November 29-30; Dec. 1-21	OPEN Registration
January 3-8	OPEN Registration
January 1-2 (S-Sun)	**COLLEGE CLOSED** – Winter break
January 3-9 (M- Sun)	Winter Break – Students
January 3-6 (M-R)	Winter Break – Faculty
January 7 (F)	Faculty Report for Duty – (Faculty In-service Day)
January 7-14 (F-F)	Senior Citizen and State Employee Fee Waiver Registration for Regular Classes
January 10 (M)	**REGULAR, 1st 8 WEEK MOD and ON-LINE CLASSES BEGIN**
January 10-14 (M-F)	Regular, 1st 8 Week MOD and On-line Classes – Last week of registration without late fee
January 14 – 2 p.m. (F)	Regular, 1st 8 Week MOD and On-line Classes – Last day to drop and receive refund and last day to register to change to Audit
January 14 (F)	**WEEK-END CLASSES BEGIN**
January 16 (Sun)	**TV CLASSES BEGIN**
January 17 (M)	**COLLEGE CLOSED** – Martin Luther King's Birthday observed
January 18-21 (T-F)	TV and Week-end Classes – Last week of Registration Without Late Fee
January 21 – 2 p.m. (F)	TV and Week-end Classes – Last day to drop and receive refund and last day to register to change to Audit
January 21 – 2 p.m. (F)	CLAST Registration Deadline
February 4 – 2 p.m. (F)	Last day to apply for May 2005 commencement for timely receipt of diploma, name in program and participation in ceremony
February 4-11 (F-F)	Senior Citizen and State Employee Fee Waiver Registration for Express Classes
February 7 (M)	**EXPRESS CLASSES BEGIN**
February 11 – 2 p.m. (F)	1st 8 Week MOD Classes – Last day to Withdraw with a Grade of "W"
February 11 – 2 p.m. (F)	Express Classes – Last day to drop and receive refund and last day to register to change to Audit
February 19 (S)	**CLAST**

March 4 (F)	1st 8 Week MOD CLASSES ENDS
March 7 (M)	**2nd 8 Week MOD CLASSES BEGIN**
March 11 – 2 p.m. (F)	2nd 8 Week MOD – Last day to drop and receive refund and last day to register to change to Audit
March 20-26 (Sun-S)	**SPRING VACATION** – No Classes
March 21 (M)	Regular, Express, On-line and Week-end Classes – Last Day to Withdraw with a Grade of "W"
March 25 (F)	**COLLEGE CLOSED** – Spring Break
April 4 (M)	TV Classes – Last Day to Withdraw with a Grade of "W"
April 8 – 2 p.m. (F)	2nd 8 Week MOD Classes – Last Day to Withdraw with a Grade of "W"
April 29-30 (F, S)	Final Examinations – Week-end Classes
April 30, May 2-3 (S, M, T)	Final Examinations – TV Classes
May 2-6 (M-F)	Final Examinations – Regular and Express Classes
May 6 – 3 p.m. (F)	Final Grades due in System by Instructors
May 7, 8 or 9 (S, Sun, M)	**COMMENCEMENT**

SUMMER SEMESTER 2005 – Session III – 0350 – 20043

April 4 (M)	International students – Last day to apply with assurance of completion of all requirements
April 4-5 (M-T)	Registration – Special Programs
April 6-22	EARLY Registration
April 25-30; May 2-14	OPEN Registration
May 6 (F)	CLAST Registration Deadline
May 13-20 (F-F)	Senior Citizen and State Employee Fee Waiver Registration for Regular Classes
May 16 (M)	Faculty Report for Duty
May 16 (M)	**REGULAR, 8 WEEK MOD and ON-LINE CLASSES BEGIN**
May 16-21 (M-F)	Regular, 8 Week MOD and On-line Classes – Last week of Registration Without Late Fee
May 20 – 2 p.m. (F)	Regular, 8 Week MOD and On-line Classes – Last day to drop and receive refund and last day to register to change to Audit
May 22 (Sun)	**TV CLASSES BEGIN**
May 23-27 (M-F)	TV Classes – Last week of Registration Without Late Fee
May 27 – 2 p.m. (F)	TV Classes – Last day to drop and receive refund and last day to register to change to Audit
May 30 (M)	**COLLEGE CLOSED** – Memorial Day Observance
June 4 (S)	**CLAST**
June 10 – 2 p.m. (F)	Last day to apply for July 2005 Commencement for timely receipt of diploma, name in program and participation in ceremony
June 10-15 (F-W)	Senior Citizen and State Employee Fee Waiver Registration for Express Classes
June 13 (M)	**EXPRESS CLASSES BEGIN**
June 15 (W)	Express Classes – Last day to drop and receive refund and last day to register to change to Audit
June 17 – 2 p.m. (F)	8 Week MOD Classes – Last Day to Withdraw with a Grade of "W"
June 27 (M)	Regular and On-line Classes – Last Day to Withdraw with a Grade of "W"
July 1 – 2 p.m. (F)	TV and Express Classes – Last Day to Withdraw with a Grade of "W"
July 4 (M)	**COLLEGE CLOSED** – Fourth of July Holiday
July 8 (F)	8 Week MOD Classes End
July 15, 18-19 (S , M-T)	Final Examinations – TV Classes
July 20-21 (W-TH)	Final Examinations – Regular and Express classes
July 22 – 3 p.m. (F)	Final Grades due in System by Instructors
July 23, 24 or 25 (S, Sun, M)	**COMMENCEMENT**

**Subject to change
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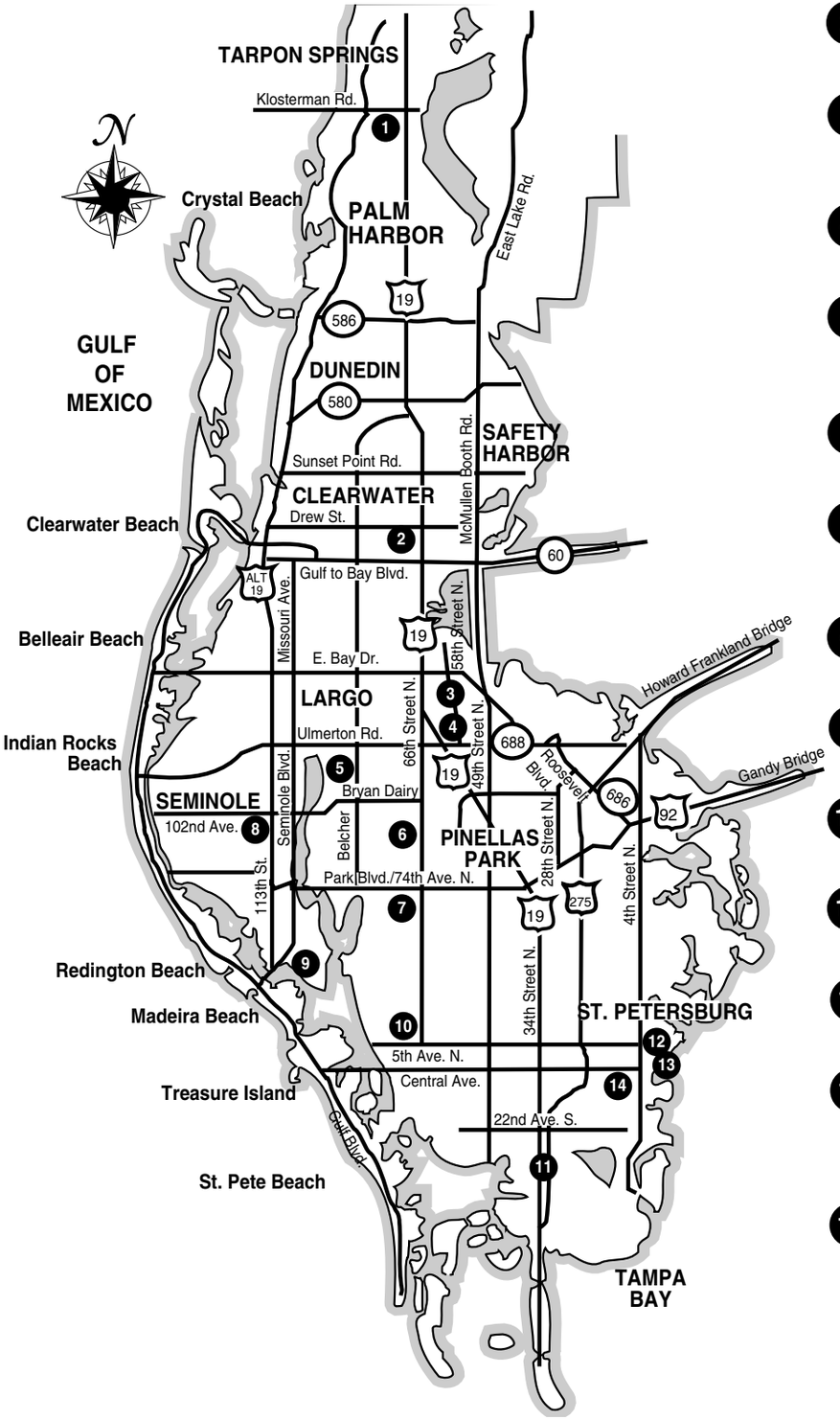
St. Petersburg College • Locations



1 **TARPON SPRINGS CAMPUS**
600 Klosterman Road
Tarpon Springs

2 **CLEARWATER CAMPUS**
2465 Drew Street
Clearwater

3 **SPC@ICOT**
CORPORATE TRAINING CENTER
14044 ICOT Boulevard
Clearwater

4 **EPICENTER**
13805 58th Street North
Largo

5 **SPC AT YOUNG-RAINEY**
STAR CENTER
7887 Bryan Dairy Road
Largo

6 **DISTRICT OFFICE**
8580 66th Street North
Pinellas Park

7 **CARUTH HEALTH**
EDUCATION CENTER
7200 66th Street North
Pinellas Park

8 **SEMINOLE CAMPUS**
9200 113th Street North
Seminole

9 **BAY PINES FACILITY**
4755 Welch Causeway
St. Petersburg

10 **ST. PETERSBURG/GIBBS CAMPUS**
6605 Fifth Avenue North
St. Petersburg

11 **ALLSTATE CENTER**
3200 34th Street South
St. Petersburg

12 **SPC DOWNTOWN CENTER**
201 Fourth Street North
St. Petersburg

13 **SPC DOWNTOWN AT THE**
FLORIDA INTERNATIONAL
MUSEUM
100 Second Street North
St. Petersburg

14 **SPC MIDTOWN**
1048 22nd Street South
St. Petersburg

MAILING ADDRESS:
PO Box 13489
St Petersburg FL 33733-3489

GENERAL INFORMATION

SPC'S HISTORY

In September 1927, Florida's first two-year institution of higher learning – St. Petersburg Junior College – opened in an unused wing of the then-new St. Petersburg High School. Enrollment: 102, taught by a faculty of 14.

Full accreditation followed in 1931. In 1948, the private college became public. In 1965, the African-American Gibbs Junior College was merged with this ever-expanding institution. By the 1990s, the college occupied a dozen sites throughout the county.

In June 2001, SPJC became St. Petersburg College, a four-year institution. In August 2002, SPC began offering fully accredited baccalaureate programs leading to bachelor's degrees in Education, Nursing and Technology Management .A degree in Dental Hygiene has since been added. However, the college's commitment to its two-year curriculum, which has earned it wide recognition and annually wins it high national ranking, remains as strong as ever.

SPC, which is accredited by the Southern Association of Colleges and Schools and governed by its local Board of Trustees, has four traditional campuses – in St. Petersburg, Clearwater, Tarpon Springs and Seminole. In addition, allied health courses are taught at the Caruth Health Education Center in Pinellas Park, Corporate Training is at the ICOT Center in Clearwater, the college's Southeastern Public Safety Institute is at the Allstate Center in St. Petersburg, and a college learning facility is at the Pinellas County's Young-Rainey STAR Center in Largo.

Also in St. Petersburg, classes convene at three other sites: the Downtown Center at 201 Fourth St. N, the Florida International Museum one block away, and in the Midtown Center at 1048 22nd Ave. S. The District Office is in Pinellas Park.

Besides the baccalaureate programs mentioned above, all of the following are available through SPC:

- An Associate in Arts degree (A.A.), transferable to virtually any college or university worldwide.
- Associate in Science (A.S.) degrees, designed to prepare students dually – for workforce entry and for transfer to some baccalaureate programs.
- Applied Technology Diplomas in three fields.
- Certificates, with credit programs in 60-plus fields, which provide fast paths to professional credentials.
- Bachelor's and graduate degrees obtainable via SPC's University Partnership Center at the Seminole and Clearwater campuses. Through the UPC, degrees from 14 Florida universities and colleges and The George Washington University in Washington, D.C. are made available to students without having to leave Pinellas County.

Newly established at SPC this year are its Honors College, headquartered at the Tarpon Springs Campus, and the St. Petersburg Collegiate High School, located on the St. Petersburg/Gibbs Campus. The latter is a charter school for ambitious and motivated high school students (grades 10-12) aiming to receive a high school diploma and an associate's degree at the same time.

St. Petersburg College stands astride a 75-year tradition of excellence wrought by dedicated faculty and visionary leadership. Affordable, accredited, comprehensive in its offerings, responsive to community needs and committed to student success, SPC has been a major player in Pinellas County's pursuit of progress.

Alumni include an astronaut, the first woman aquanaut, war heroes, film stars, major leaguers, a Florida Secretary of State, a commissioner of education, a congressman, judges, CEOs, a rock star, a Merrill Lynch senior vice president, a Davis Cup captain and a co-founder of the Peace Corps. But perhaps SPC's proudest legacy is the difference it has made for thousands upon thousands of men and women who, through their studies, have acquired what they needed to better their lives and thereby embellish their communities.

Opening enrollment in credit classes for Session I of 2003-04 was 7839 full-time students and 13,744 students part-time for a total of 21,583. Enrollment by lower division students was 21,157; enrollment by upper division students was 426. Enrollment for all of 2002-03 numbered 34,249 in credit classes and 32,562 in non-credit. Total: 66,811.

CREDIT AND STANDINGS

Standard freshman and sophomore college courses and specific junior and senior courses are taught at St. Petersburg College. Because of the high standard maintained in the classroom by an excellent teaching staff and good physical facilities, the College has been accredited since 1931 by the Commission on Colleges of the Southern Association of Colleges and Schools to award Associate Degrees and since December 2001 to award Bachelor of Science in Education (Elementary, Exceptional Student, Secondary Mathematics and Secondary Science) and Nursing and Bachelor of Applied Science Degree in Technology Management and Dental Hygiene. Thus it is possible for students to have credits transferred to any college or university that accepts transfer students.

SPC'S MISSION AND GOALS

(College Rule 6Hx23-1.02)

The mission of St. Petersburg College is to provide accessible, learner-centered education for students pursuing selected baccalaureate degrees, associate degrees, technical certificates, applied technology diplomas and continuing education within our service area as well as globally in program areas in which the College has special expertise. As a comprehensive, multi-campus postsecondary institution, St. Petersburg College seeks to be a creative leader and partner with students, communities, and other educational institutions to deliver enriched learning experiences and to promote economic and workforce development.

St. Petersburg College fulfills its mission led by an outstanding, diverse faculty and staff and enhanced by advanced technologies, distance learning, international education opportunities, innovative teaching techniques, comprehensive library and other information resources, continuous institutional self-evaluation, a climate for student success, and an enduring commitment to excellence. In support of our mission, the specific goals of the College are to:

- provide equal educational opportunities to a diverse student body;
- prepare students for work in selected professional fields through Bachelor of Science, Bachelor of Arts, and Bachelor of Applied Science degree programs and in partnership with other colleges/universities through St. Petersburg College's University Partnership Center.
- prepare lower-division students for transfer into baccalaureate programs through the Associate in Arts program and articulated Associate in Science degree programs;
- prepare lower-division students for careers requiring postsecondary education through Associate in Science, Associate in Applied Science, selected Technical Certificate and Applied Technology programs;
- provide under-prepared students with opportunities to achieve college entry-level skills in reading, writing and mathematics through the college preparatory programs;

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- promote expanded educational opportunities for area high school students through dual enrollment and similar programs;
- provide opportunities to improve employability, enhance career skills and attain personal enrichment through courses, seminars, workshops and other continuing education programs;
- promote economic development for the state through special education and training programs including technical courses, workshops and services designed to enhance the competitiveness of individuals, agencies, businesses and industries in the local, state, national and global economies;
- contribute to the international education of students through a variety of courses, foreign study tours, faculty and student exchanges, linkages with international institutions distance learning and other special programs;
- serve target populations beyond the borders of Pinellas County through distance learning programs and other means that emanate from the institution's history of services and specialized expertise; and
- provide an open admission general education curriculum that results in students' achievement of the following educational outcomes:
  - communicate effectively by demonstrating the ability to speak, listen, read and write in an organized and analytical manner;
  - demonstrate effective mathematical skills emphasizing practical problem solving and data interpretation;
  - utilize the scientific method as it applies to understanding scientific and social phenomena;
  - recognize basic scientific principles underlying human influence upon the earth and its inhabitants;
  - implement appropriate forms of existing and evolving technology for personal, educational, and professional purposes;
  - demonstrate the ability to work effectively with others in a variety of settings;
  - demonstrate an understanding and appreciation of the humanities and fine arts including participating in cultural activities featuring art, music, literature, dance and/or theater;
  - participate as informed and responsible citizens in solving social, economic and political problems in a multicultural and global society;
  - recognize ethical issues and dilemmas in the personal, business and social areas of their lives and apply ethical principles and logical problem-solving skills when making ethical decisions;
  - think logically, critically and creatively to solve problems and make decisions;
  - recognize the importance of lifelong learning process in the pursuit of personal, intellectual and career development;
  - analyze and assess personal values and future goals; and
  - adopt positive lifestyle behaviors through the application of wellness concepts.

EQUAL ACCESS/EQUAL OPPORTUNITY

The Board of Trustees of St. Petersburg College affirms its equal opportunity policy in accordance with the provisions of the Florida Educational Equity Act and all other relevant State and federal laws, rules and regulations. Discrimination on the basis of race, color, religion, marital status, national origin, sex, age or disability against a student or an employee is prohibited. The College accepts the commitment to provide equal access and equal opportunity for all services made available by the College and to conduct all programs and activities without discriminating against a person because of race, color, national origin, sex, religion, age, disability or marital status. In addition, the College continues to take affirmative action to ensure that applicants are employed and employees are treated during employment without regard to their race, color, national origin, sex, religion, age, disability or marital status.

SUPPLEMENTAL SERVICES

Bookstore

http://www.efollett.com

A College bookstore is located at the St. Petersburg/Gibbs, Seminole and Clearwater Campuses and Health Education and Tarpon Springs Centers where all books and supplies may be purchased. The cost of books and supplies varies with the student's program. Students attending the SPC Downtown Center may purchase their textbooks at the St. Petersburg/Gibbs bookstore or during the first two weeks of the semester at the SPC Downtown Center.

Computer Labs (College Rule 6Hx23-4.9111)

Computer laboratories are available on the Clearwater, St. Petersburg/Gibbs and Seminole Campuses and the Health Education, Tarpon Springs and SPC Downtown Centers and are to be used only by students currently registered. The use is restricted to college-related educational matters.

Food Service

On the Clearwater Campus, The Hard Drive Café is open Monday – Thursday 7:30 a.m. to 7:00 p.m. and on Friday and Saturday 8:00 a.m. to 2:00 p.m. On the Seminole Campus there are two cafés. The full service Connections Cafe' in the library is open Monday – Thursday 7 a.m. to 9 p.m., Friday 7 a.m. to 4 p.m., Saturday 9 a.m. to 5 p.m. and Sunday noon to 5 p.m. The more limited menu Gigabyte Café in the University Partnership Center Building is open Monday – Thursday from 8:30 a.m. to 9 p.m., Friday 8:30 a.m. to 2 p.m. and is closed on the weekends. Snack vending machines are available at the Allstate, Health Education, SPC Downtown and Tarpon Springs Centers.

Health and Accident Insurance for Students

Students may obtain optional health and/or accident insurance at their personal expense as St. Petersburg College does not provide such insurance for students. Such coverage may be obtained from the vendor selected by the College, for which application forms are available in the Student Activities offices or obtained in the marketplace.

Housing (College Rule & Procedure 6Hx23-4.41)

St. Petersburg College has no dormitories or housing facilities. Students must make their own residence arrangements. Listings of available housing are maintained in the Student Activities offices and updated frequently. The college assumes no responsibility for supervising housing for students.

Laboratories and Clinicals for Students

Laboratory and/or Clinical participation by a student is at the student's own risk. The College does not provide health or accident insurance for students. Please refer to the paragraph above describing Health and Accident Insurance for Students.

Personal Property

Students who bring personal property to the College and/or leave personal property at the College do so at their own risk as

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the College provides no insurance in the event the student's personal property is stolen or damaged while on College premises.

Photography

All students grant permission to the College, its agents and staff to use video and photographs taken of them for SPC promotional/advertising materials without charge. No promises have been made and no consideration is involved for their use. If a student does not want SPC to use video and photographs of himself/ herself then he/she must inform the Associate Provost on his/her home campus.

Professional Liability Insurance for Students

Those students in a program of study leading toward a degree or certificate in a health care profession who will be providing health care services to a patient or clinic under the direction of a faculty member of the College as a part of the course of study are required to have student professional liability (malpractice) insurance for which a special fee is charged. (See liability insurance fee listing in the Financial Information.) Students in the health programs are also required to carry clinical accidental insurance, which must be obtained through the College and for which a special fee will be charged. The professional liability coverage does not protect the student in the event of illness or injury.

Supplemental Instructional Centers

The Learning Support Centers supplement and enrich the existing programs at the College. They are located in the Language Arts Building on the Clearwater Campus, in the Information Commons on the Seminole Campus, in the SA Building on the St. Petersburg/Gibbs Campus and in the Learning Support Center at the Tarpon Springs Center. These centers offer alternative-learning opportunities for all currently enrolled students to develop strengths and to eliminate deficiencies. These centers aid students with academically deficient backgrounds through tutoring and supplementary materials in reading, writing and mathematics; supplement and enrich other existing courses through the use of additional materials; provide alternate learning strategies through audio-visual, tutorial, individualized, self-paced, one-on-one tutorial and computer-assisted work; provide learning opportunities for disabled students; provide lifelong learning opportunities for all adults in the community and provide testing facilities for students.

Transportation

There are no free buses providing transportation to any campus. Public buses are available to the Clearwater, St. Petersburg/Gibbs, Seminole and the Allstate, Health Education and SPC Downtown Centers.

Volunteer Information

Students and community members can volunteer at all college sites in a variety of positions at St. Petersburg College. Opportunities range from tutors to clerical assistants, lab assistants to fitness room monitors. Volunteers can learn to develop their own personal skills, learn more about the working environment of the college, meet interesting people and gain the satisfaction of helping St. Petersburg College reach its fullest potential in the community. No specific number of hours per week is required. Contact the Special Services Office at 341-4303.

MICHAEL M. BENNETT LIBRARIES

Using the Library

Library services and resources are available on each campus of the College. Campus libraries are open Monday through Saturday (excluding holidays and session breaks) and Sunday afternoons at Seminole and Tarpon Springs campuses. The library collections exceed a quarter of a million items and are selected to support the curriculum of the College and for scholarly and personal enrichment. Books, periodicals and journals are available both in print and electronically. Audiovisual materials such as videotapes, CDs and DVDs are included in the collections. Facilities and services are available for disabled users. Tarpon Springs campus and Health Education Center libraries include tutoring services. An education curriculum library is part of Tarpon Springs campus library. Seminole campus is served by a joint-use library with the City of Seminole. Students at SPC Downtown can use library resources at any of the campus or city libraries.

When classes are in session the campus libraries are open according to the schedule below:

Monday – Thursday	7:30 a.m. until 9:00 p.m.
	8:00 a.m. until 8:00 p.m. Allstate
Friday	7:30 a.m. until 4:00 p.m.
Saturday	10:00 a.m. until 5:00 p.m.
Sunday	1:00 p.m. until 5:00 p.m.
	Tarpon Springs and Seminole

The Library Online – http://www.spcollege.edu/central/libonline

The library electronic collections can be used at any time from any computer connected to the Internet. The Library Online address is http://www.spcollege.edu/central/libonline. More than 5,000 electronic journals and periodicals are online in full text and more than 35,000 electronic books can be accessed online through the NetLibrary collection. Use the Library Online address to connect to **LINCC,** (Library Information Network Community Colleges), the community college online catalog which lists the book, audio visual and journal holdings of the College libraries. **LINCC** also connects to the library collections of other colleges and universities and state licensed databases. College and state provided databases are accessed through the Library Online and require either a login (your student number) or a password available at all of the libraries.

Seminole Community Library at St. Petersburg College, Seminole Campus

In August 2003, the College and the City of Seminole opened a joint-use academic and public library on the Seminole Campus. The library provides access to the collections of the public library and to the resources of the College libraries. The library features a café, an art gallery, a Friends of the Library store, a children's library, and a teen room called the "Zone." The Web site for the Seminole Community Library at St. Petersburg College, Seminole Campus is **http://www.spcollege.edu/SCL**.

The library offers fiction and nonfiction books for a variety of tastes and interests including best-sellers, books for children and teens, and for adults. The library subscribes to more than 150 print magazines, journals and newspapers. Audio-visuals and electronic media: videotapes, audio cassettes, CDs, CD-ROMs and DVDs are available, including curriculum and instructional materials, music, feature movies, documentary/educational films and spoken word/audio books. Equipment is available in the library for viewing and listening.

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Community (non-student) library cards are available to residents of Pinellas County. Applicants must be 14 years old and reside in cities that belong to the Pinellas Public Library Cooperative. Children's library cards must be requested and signed for by a parent or legal guardian.

Information Literacy

Individual and group instruction in information literacy is available in person in the campus libraries and at any other campus location requested. Online tutorials are a part the Library Online. Every library provides in person reference assistance. Librarians teach credit courses such as LIS 1002 *Electronic Research Strategies for College Students* both on campus and online. Computer and Information Literacy is a graduation requirement for AA students. The requirement can be fulfilled by completing specific courses or by demonstrating competency through an online Computer and Information Literacy test administered through the campus Testing Centers.

AskALibrarian

AskALibrarian is a service of the Library Online. It provides email, telephone and chat reference services. The library is part of the statewide virtual library chat reference project that provides extensive hours of online reference service to library users throughout the state.

Using Other Libraries

Students have borrowing privileges at all of the state supported community college and university libraries. In addition, students have borrowing privileges with all of the public libraries in Pinellas County and in the libraries participating in the Tampa Bay Library Consortium. Students enrolled in the Legal Assisting program have privileges at Stetson University College of Law Library. Students enrolled in the University Partnership Center (UPC) have access to the library resources of the university or college they are enrolled in as well as St. Petersburg College.

Photo ID/Library Cards

Students are issued official College photo identification cards. A proof of fee payment is required to obtain the card. The ID card is also used as a library card. Students are financially responsible for all library materials charged on their ID card. The ID card is also used to gain admission to student computer labs, wellness centers and other college activities; and is a debit card for library copiers and printers. The University Partnership Center (UPC) also issues identification cards to students from partnering colleges and universities.

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GETTING STARTED

Enrollment: Step-by-Step

Step 1. Submit Application and Fee – On-line or In-Person

Step 2. Placement Test/Assessment

Step 3. Orientation and Advisement – On-line or In-Person

Step 4. Register for Classes – On-line or In-Person

Step 5. Pay Registration Fees – On-line or In-Person

Step 6. Get Student Photo ID card

Step 7. Buy Textbooks – On-line or In-Person

Step 8. Attend Classes! – On-line, TV or In-Person

STUDENTS, ADMISSION, PROGRAMS AND ACTIVITIES – GENERAL

(College Rule 6Hx23-4.01)

I. In order to maintain the College ideals of scholarship and deportment, the right is reserved to deny admission to applicants for any reason, which is deemed to be in the best interest of the College.

II. It is the policy of the College to provide equal access to and equal opportunity within all College programs and activities including admissions, without regard to race, color, religion, marital status, national origin, sex, age or disability. It is also the responsibility of the College to establish policies which identify and examine qualitative measures of College climate, support services and extra-curricular services in an effort to clearly identify students with reasonable potential for success.
   A. The College recognizes that sexual harassment constitutes discrimination on the basis of sex and violates this Rule and the College shall not tolerate such conduct. Also see Rule 6Hx23-2.011.
   B. The College will not discriminate in any services program or activity against any qualified individual with a disability. The term "qualified individual with disability" means an individual with a disability who, with or without reasonable modifications to Rules, policies or practices, the removal of architectural, communication and transportation barriers or the provision for auxiliary aids and services meets the essential eligibility requirements for the receipt of services or the participation in programs or activities provided by the College.

III. Each student, by the act of registering, pledges to accept and obey the rules and regulations of the College.

IV. Any person whose past actions have been found to have disrupted or interfered with the orderly conduct, processes, functions or programs of any other school, university, college or community college may be denied admission by the President.

V. To be considered for **general admission to St. Petersburg College**, a student must have the following items in the Admissions/Registration Office on the student's home campus or center before the registration deadline for the session the student is planning to attend.
   A. A completed and signed Application for Admission that includes the student's certification that the student will not unlawfully possess, use, sell, purchase, manufacture, deliver or possess with the intent to sell, purchase, manufacture, or deliver any controlled substance while enrolled at St. Petersburg College and a nonrefundable application fee for the amount established by the Board of Trustees must accompany the application form.
   B. An official high school transcript or General Education Development (GED) equivalency transcript with date of graduation. When transcripts reflecting the date of graduation are unavailable because of reasons beyond the applicant's control, an affidavit in a form established by the college registrar certifying graduation will serve as adequate documentation for meeting this requirement. Official transcripts from the secondary institution must be received by the Central Records' Office (to be sent directly from the institution) by the end of the 1st academic session in which the student is enrolled.
   C. Official transcripts from all fully accredited postsecondary institution(s) the student has attended.

VI. **Matriculation into Programs by Transfer Students**
Transfer students who desire to matriculate into programs at the College shall present transcripts for evaluation of grades and credits for purposes of meeting specific program admissions requirements. All courses listed on the transcript(s) are evaluated, including those with incomplete or failing grades. The results of that evaluation, including grades and credit hours granted, are included in the calculation of the student's cumulative grade point average (GPA). However, exceptions shall be made for courses from which the student withdrew without penalty, which are not evaluated. Upon acceptance and for the duration of the required course of study, the transfer student's academic standing and progress shall be based on all college credit coursework taken, whether as a resident, transient or transfer student.
NOTE: Official transcripts must have the seal of the institution and the signature of a person authorized by the institution to authenticate the transcript affixed. Transcripts must be sent directly from each school or college to the Central Records Office.

VII. Students will be **eligible for admission to Associate in Arts, Associate in Science, Associate in Applied Science, College Credit Certificate and Applied Technology Diploma Programs at St. Petersburg College** as follows:
   A. High school graduates with a standard high school or college ready diploma.
   B. Non-graduates of high school who have satisfactorily completed tests of General Education Development (GED).
   C. Transfer students who are currently eligible to return to the last college attended.
   D. Early Admission, Credit Bank and Dual Credit students.
   E. Non-degree students who desire to earn credit in a limited number of courses or for personal objectives but do not intend to pursue a formal degree program.
   F. Transient students.
   G. Students from other countries are eligible for admission under Rule 6Hx23-4.02 Item X. International Students.

VIII. **Audit** students are enrolled in credit courses for informational instruction only. Audit courses carry no credit.

IX. For requirements for admission to **Bachelors degree in Education Programs** at St. Petersburg College see BOT Rule 6Hx23-4.72.

X. Students will be eligible for admission to the **Bachelor of Science** degree in **Nursing Program** at St. Petersburg College as follows:

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A. Completion of the articulated Associate in Science degree in Nursing from a fully accredited postsecondary institution, or a diploma in nursing accredited by the National League for Nursing Accrediting Commission
B. Cumulative grade point average of 2.00 on a 4.00 scale in lower-division A.S. program.
C. Presentation of a valid, unrestricted, unencumbered RN license from the state where applicant is practicing, to be kept current throughout the duration of the required course of study.
D. Completion of a minimum of 15 semester hours of transferable general education coursework
E. Completion of the uniform upper-division application form and presentation of official transcripts from all postsecondary institutions attended.

XI. Students will be eligible for admission to the **Bachelor of Applied Science** degree in **Technology Management** at St. Petersburg College as follows:
A. Completion of an Associate in Science degree from a fully accredited postsecondary institution in one of the following program areas:
Computer Engineering Technology
Computer Information Technology
Computer Programming and Analysis
Computer Service Technology
Database Technology
Networking Services Technology
Electronics Engineering Technology
Industrial Electrical Technology
Industrial Manufacturing Technology
Manufacturing Technology
Plastics Engineering Technology
Information Technology
Security Engineering
Internet Services Technology
Electrical Distribution Technology
Telecommunications Technology
Students with an A.S. degree that is not one of the listed areas may be admitted to the upper-division program with permission of the dean.
Students with 60 credits but not an Associate in Science or Associate in Applied Science degree may be admitted to the upper-division program only with permission of the dean.
B. Completion of an Associate in Arts (A.A.) degree, with a minimum of 36 semester hours of transferable general education coursework, from a fully accredited postsecondary institution. (If general education coursework for an A.A. has been completed, the student must complete 21 credits in the major in a single technical major in place of the additional general education coursework required of students admitted with an Associate in Science degree).
C. Cumulative grade point average of 2.00 on a 4.00 scale in lower-division A.S. program.
D. Completion of a minimum of 15 semester hours of transferable general education coursework.
E. Completion of the uniform upper-division application form and presentation of official transcripts from all postsecondary institutions attended.

XII. Students will be eligible for admission to the **Bachelor of Applied Science in Dental Hygiene Program** at St. Petersburg College as follows:
A. Completion of a degree in Dental Hygiene from an institution accredited by the Commission on Dental Accreditation.
B. Cumulative grade point average of 2.00 on a 4.00 scale in lower-division dental hygiene program.
C. Presentation of a valid and current Dental Hygiene license from the state where applicant is practicing, to be kept current throughout the duration of the required course of study.
D. Completion of a minimum of 15 semester hours of transferable general education coursework.
E. Completion of the uniform upper-division application form and presentation of official transcripts from all postsecondary institutions attended.

ADMISSION REQUIREMENTS

(College Rule 6Hx23-4.02)

I. **To be admitted to St. Petersburg College**, a College Credit Certificate, Applied Technology Diploma or degree-seeking student must have the following items in the Admissions/ Registration Office on the home campus or center:
A. An application and a nonrefundable application fee.
B. Completed high school transcript stating that the student received a standard high school diploma, college ready diploma or GED transcript with date of graduation. Official transcripts from the secondary institution must be received by the Central Records' Office (to be sent directly from the institution) by the end of the 1st academic session in which the student is enrolled.
C. Transcripts from all previously attended postsecondary institutions(s) that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the common course designation and numbering system meeting the requirements of Florida Statutes 240.115 (fully accredited postsecondary institution), if transferring from another community college, college or university. Transfer students must be eligible to return to the last college attended to be eligible for admission to Associate in Arts, Associate in Science, Associate in Applied Science, College Credit Certificate or Applied Technology Diploma Programs.
Transcripts must be sent directly from each school to the Central Records' Office and must be received by the end of the 1st academic session in which the student is enrolled.

II. Applicants who have received a **Certificate of Completion** or a **special diploma** from a Florida public high school during or after Spring 1983 or who have failed every sitting of the High School Competency Test (HSCT) during or after the 1982-83 school year, shall not be eligible for admission until after such an applicant:
A. receives a standard high school diploma; or
B. receives a high school equivalency diploma awarded on the basis of successful performance on the test of General Education Development (GED); or
C. receives an approved waiver.

III. **Special Requirements — Associate in Arts Program**
Under provisions of Section 240.321, F. S., an applicant must meet one of the following conditions to be eligible for admission to the Associate in Arts Degree Programs.
A. Have a **standard high school or college ready diploma** from a Florida high school awarded pursuant to Section 232.246, F.S. **OR**
Have a high school diploma from a non-Florida high school, provided that the student shall have completed a high school curriculum which included a minimum of:
- 4 years of English (in lieu of the English requirement, an international student may use 4 years of instruction in his native language or another language which was the language of instruction in the secondary school attended)

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- 3 years of mathematics
- 3 years of science
- 3 years of social studies.

B. Have a high school equivalent diploma awarded on the basis of successful performance on the test of General Education Development (GED) in English, having received a 45 or above on each of the five tests and an overall average of 45.

C. Be a high school student utilizing an approved acceleration mechanism.

D. Previously demonstrated competency in college credit postsecondary coursework.

E. Have an Affidavit, signed by the student's parent/legal guardian attesting to the fact that the applicant has completed a **home education program** pursuant to the requirements of F.S. 232.0201, with the name of the county public school district to which the applicant is assigned. The Home School Completion Affidavit may be obtained at the Admissions/Registration Office on the applicant's home campus. **AND**
Submit the Application for Admission with the Home School Completion Affidavit Form to the Admissions/ Registration Office on the applicant's home campus.
This requirement also applies for admission to any degree program where admission requirements specify a standard high school diploma or GED is needed.

IV. **High School Students Eligible for Accelerated Admissions Early Admission, Credit Bank and Dual Credit Students**

1. **Early Admission Students**
A student, including a student in a Home Education program meeting the requirements of F.S. 232.0201, who wishes to enter St. Petersburg College after the 11th grade of high school may do so if the following requirements are satisfied:
   a. Submission of a high school transcript which indicates that the applicant:
      (1) Has completed the 11th grade. This is interpreted to mean not less than 2 calendar years of attendance. If the student applies before completion of the 11th grade, he/she must submit a high school transcript showing grades for all work completed through the first semester of the 11th year and courses in which he/she is enrolled for the second semester.
      (2) Has completed 2/3 of the minimum high school unit requirement plus 1 unit.
      (3) Has a GPA (grade point average) of at least a 3.0 on a 4.0 scale on all high school work.
   b. Presentation of a passing score on the High School Competency Test (HSCT).
   c. Achievement of an acceptable score for college-level courses on the Computerized Placement Test (CPT), SAT, ACT or other approved placement instrument as set forth in BOT Rule 6Hx23-4.45 and Procedure P6Hx23-4.45.
   d. Presentation of an Early Admission Recommendation Form signed by the high school principal or designee. No application, matriculation or laboratory fees will be assessed to students in this program.
   e. The student must complete a minimum of 30 semester hours or 46-quarter hours and maintain at least a 2.0 grade point average on a 4.0 scale.

2. **Credit Bank Students**
   a. High school students who have at least a 2.0 GPA in all of their coursework for the prior year and who wish to earn college credit while attending high school may enroll in the College as Credit Bank students. In addition to the College's Application for Admission, Credit Bank students must submit a Credit Bank Verification Form which provides verification of high school enrollment and the minimum required 2.0 GPA and is signed by their high school principal or designee. A separate Credit Bank Verification Form must be completed for each academic session for which a student wishes to enroll at the College.
   b. High school level Home Education students may enroll in College classes as Credit Bank students on a term-by-term basis as approved by the campus coordinator of Admissions/Registration. To be admitted, Home Education students must provide evidence of successful academic work at the high school level through the annual evaluations submitted to the public school system. To remain enrolled as Credit Bank students they must maintain a 2.0 GPA in College classes.
   c. Requirements for high school students who are younger than the normal age are as follows:
      (1) The student must meet the following regular College admissions and testing requirements for college-level coursework.
         (a) An application and a non-refundable application fee.
         (b) Achievement of an acceptable score for college-level courses on the Computerized Placement Test (CPT), SAT, ACT, or other approved placement instrument as set forth in Board of Trustees' Rule 6Hx23-4.45 and Procedure P6Hx23-4.45.
      (2) The student and parent(s) must meet with the campus provost or associate provost, and program director or designees to discuss rules and requirements of academic and student life to determine the applicant's level of adaptability to an adult academic setting.
   d. Credit Bank students who wish to enroll at the College in degree-seeking status following high school graduation will be required to meet the following usual admission requirements:
      (1) An application and a non-refundable application fee.
      (2) A high school transcript. Official transcripts must be sent directly from the institution to Central Records Office by the end of the first academic session in which the student is enrolled.
      (3) Achievement of an acceptable score for college-level courses on the Computerized Placement Test (CPT), SAT, ACT or other approved placement instrument as set forth in Board of Trustees' Rule 6Hx23-4.45 and Procedure P6Hx23-4.45.

3. **Dual Credit Students** (Governor's Dual Credit Program)
   a. Students attending a public or private high school within the Pinellas County School District or a Home Education Program meeting the requirements of F.S.232.0201 who wish to take courses to earn both college and high school credit may do so if the following requirements are satisfied:
      (1) The student has completed the 9th grade.
      (2) The student has achieved an acceptable score for college-level courses on the Computerized Placement Test (CPT), SAT, ACT or other approved placement instrument as set forth in Board of Trustees Rule 6Hx23-4.45 and Procedure P6Hx23-4.45.
      (3) The student has attained at least a 3.0 cumulative unweighted grade point average on a 4.0 scale or when registering for a particular course,

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the student has demonstrated prior academic achievement in the field of the course by attaining at least a 3.0 cumulative unweighted grade point average on a 4.0 scale within that field.

(4) The student has submitted a completed St. Petersburg College Application for Admission Form excluding the application fee.

b. Admission preference will be given to students who have completed the 10th grade.

c. No application, matriculation or laboratory fees will be assessed students admitted to this program.

V. **Student's Admitted By Waiver**

The College's general policy is not to admit students without a standard high school diploma or GED; however students may be admitted by waiver include:

A. **Non-Degree Students**

Students who are not high school graduates may be permitted to enroll in College courses as non-degree students provided they meet all other requirements and prerequisites for those courses and provided that they demonstrate the ability to benefit from those courses. Permission to enroll in non-degree status may be granted to students who are not high school graduates by the campus coordinator of Admissions/Registration on the student's home campus. Non-degree students must comply with the non-degree students' requirements specified in Section IX., Non-Degree Seeking Students.

B. **Students with High School Certificates of Completion**

Although a Certificate of Completion does not qualify a prospective student for admission, a Certificate of Completion student who believes he/she should be considered for admission to the College or to a program of the College should appeal to the associate provost of his/her campus or site. The associate provost or designee will meet with the appropriate faculty, program directors or others and the student to determine if the student has made a clear case for admission. Information to be considered may include such items as scores on one or more of the approved placement instruments, evidence of the student's life experiences, career/work experience, service occupation, other training, performance in selected academic courses, evidence of an appropriate reading level or appropriate competency indicating the ability to function in college-level classes and/or recommendations from prior teachers and/or other professionals.

C. **Students with Special Diplomas**

1. A student who receives a special diploma and believes he or she should be considered for waiver and/or substitution(s) for requirements for admission to the College or to a program of the College, for a course or courses required in a program or for graduation from the College should appeal to the associate provost at his/her campus or site. The associate provost or designee will meet with the appropriate faculty, program directors or others and the student to determine if the student has made a clear case for admission. Information to be considered may include such items as scores on one or more of the approved placement instruments, evidence of the student's life experiences, career/work experience, service occupation, other training, performance in selected academic courses, evidence of an appropriate reading level or appropriate competency indicating the ability to function in college-level classes, and/or recommendations from prior teachers and/or other professionals.

2. Credits or degrees awarded by other fully accredited postsecondary institutions as a result of substitute requirements established under the provisions of State Board of Education Rule 6A-10.041 will be accepted by St. Petersburg College, so long as all other requirements are met.

VI**. Transfer Students**

A. Transfer students should have left their previous college(s) in good academic and disciplinary standing, must be eligible to return to the last college attended and:

1. have received a standard high school or college ready diploma or
2. received a GED or
3. have earned a degree from a fully accredited postsecondary institution.

Students may appeal a decision that they are not satisfied with through the procedure set forth in BOT Rule 6Hx23-4.36.

B. A student who has previously applied to, been accepted and registered at a fully accredited postsecondary institution(s) is classified as "transfer" even if the student withdrew before earning any credits.

C. Credits earned at institutions listed in the Transfer Credit Practices (TCP) Booklet and/or other guides published by the American Council on Education, the American Association of Collegiate Registrars and Admissions Officers, the Guide to the Evaluation of Educational Experience in the Armed Services and NAFSA: Association of International Educators and which represent collegiate coursework relevant to the degree, with course content and level of instruction resulting in student competencies at least equivalent to those of students enrolled in the College's undergraduate degree programs, will be accepted by the College. In addition, the College will honor credits granted through programmatic partnerships with secondary schools (dual credit and inter-institutional articulation agreements) and the Statewide Common Course Numbering System Articulation Coordinating Committee.

Florida Statutes requires that after a Florida university or community college has published its general education core, the integrity of that curriculum shall be recognized by the College and other public universities and community colleges. Once a student has been certified by such an institution on the official transcript as having completed satisfactorily its prescribed general education core curriculum, regardless of whether the associate degree is conferred, the College shall require no further such general education courses. Further, any transfer student who has provided documentation of completion of an Associate in Arts, Bachelor's degree or higher from a fully accredited postsecondary institution shall be presumed to have met all general education requirements for the associate degree at the College. In addition, the student shall be exempt from the admission requirement of a standard high school diploma.

D. Official transcripts from all previously attended postsecondary institutions must be received by the Central Records' Office (to be sent directly from the institution) by the end of the 1st academic session in which the student is enrolled.

VII. **Matriculation into Programs by Transfer Students**

Transfer students who desire to matriculate into programs at the College shall present transcripts for evaluation of grades and credits for purposes of meeting specific program admissions requirements. All courses listed on the transcript(s) are evaluated, including those with incomplete or failing grades. The results of that evaluation, including

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grades and credit hours granted, are included in the calculation of the student's cumulative grade point average (GPA). However, exceptions shall be made for courses from which the student withdrew without penalty, which are not evaluated. Upon acceptance and for the duration of the required course of study, the transfer student's academic standing and progress shall be based on all college credit coursework taken, whether as a resident, transient or transfer student.
NOTE: Official transcripts must have the seal of the institution and the signature of a person authorized by the institution to authenticate the transcript affixed. Transcripts must be sent directly from each school or college to the Central Records Office.

VIII. **Transient Students**

A. **Transient students from another college**
A transient student is one who preserves uninterrupted residency status with the home college while attending St. Petersburg College. Students who wish to attend St. Petersburg College on a transient basis may substitute a Transient Form approved by the home college in lieu of an official transcript. The Transient Form or official transcript must be forwarded along with the Application for Admission and fee, to the Admissions/Registration Office on the campus he/she expects to attend.

B. **Transient students from St. Petersburg College**
Permission to attend another institution on a transient basis will be granted only to students who have at least a 2.0 "C" average or better at St. Petersburg College. Eligibility for transient status and acceptability of courses is determined by the campus coordinator of Admissions/Registration. The student is urged to bring to the campus coordinator of Admissions/Registration course descriptions of each course to determine their transferability and equivalency. Transient permission is not usually given any student for consecutive sessions.

A student who requests transient permission and meets the requirement of a 2.0 "C" average is furnished with a Transient Form. Courses listed on the Transient Form will be accepted as equated on the form. If courses other than those listed are taken, they will be accepted under the conditions listed in this Rule for Transfer Students. Courses earned in transient status are accepted with the grades earned and are treated as transfer work.

IX. **Non-Degree Seeking Students**

A student who does not desire to enroll as a degree-seeking student but would like to earn credit for certification or other purposes may enroll as a non-degree student.

A. Non-degree students must complete an Application for Admission and pay the application fee.

B. Non-degree students are not required to furnish transcripts.

C. A student who is under 18 years of age and has not graduated from high school may enroll as a non-degree student with special permission from the campus coordinator of Admissions/Registration. Students in this category should refer to Section V. above.

D. Courses completed by non-degree students will be entered on their transcripts as credit courses.

E. Coursework completed in non-degree status may not be applied towards a degree from St. Petersburg College unless the student changes to degree-seeking status. A non-degree student who desires to change to degree-seeking status may do so by fulfilling all regular admissions standards. A change to degree-seeking status must be completed prior to the session in which the student plans to graduate.

F. If a student earns credits solely in non-degree status at St. Petersburg College and desires to transfer such credits towards a degree from another institution, it is his/her responsibility to determine the acceptability of the courses towards his/her degree.

G. After completion of 18 credit hours, approval must be provided by a counselor or advisor before attempting any additional credits.

X. **International Students**

A. An International student is defined as one who has entered the United States under any type of visa other than an immigration visa and for whom an I-20 must be issued by the College. The student is admitted to the U.S. with a student visa and remains a citizen and home country resident. There are three classifications of International students:
- F-1 student – those who enter the College with the intention of receiving a degree.
- Students on any other type of visa and who usually are non-degree seeking.
- Students who are admitted to enroll full-time in the English as a Second Language (ESL) Program only (usually in F-1 visa status).

B. International student applicants who wish to attend the College on F-1 visas must complete and file a Certificate of Financial Ability. This certification must be made on a form supplied by the College. The student must be able to cover travel to and from the United States, matriculation and tuition fees, books and supplies, personal expenses, off-campus room and board and medical expenses for the full academic year.

C. International student applicants who wish to attend the College on F-1 visas must request all schools attended to submit transcripts of all work attempted directly to one of the International Student Offices. Transcripts in a language other than English must be accompanied by an official English translation bearing the seal of the institution from which the transcript was issued or a certified English translation signed and sealed by a member of the U.S. consulate or other authorized government official. International students must provide proof of high school graduation or equivalency translated into English and submitted directly to the campus International Student Office.

D. International student applicants seeking transfer from another U.S. fully accredited postsecondary institution must have completed at least 12 semester hours with a 2.0 grade point average and must request and submit an official transcript. They must also have secured permission from the Bureau of Citizenship & Immigration Service (BCIS) that issued their student visa to make such a transfer. An I-20 will be issued by the campus International Student Office only after the official transcript has been received.

E. International students who have not attended another U.S. fully accredited postsecondary institution will be admitted as high school graduates or transfer students upon receipt of appropriate official transcript(s) and other required documentation.

F. Credits earned at international institutions listed in the Transfer Credit Practices (TCP) Booklet and/or other guides published by the American Council on Education, the American Association of Collegiate Registrars and Admissions Officers and NAFSA: Association of International Educators and which represent collegiate coursework relevant to the degree, with course content and level of instruction resulting in student competencies at least equivalent to those of students enrolled in the College's undergraduate degree programs will be accepted by the College. Credits earned at international institutions not listed in the TCP Booklet may be accepted

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if evaluated and certified by the World Education Service (WES) or another service approved by the College.

G. To be admitted to college-level courses, International students must prove to have sufficient knowledge of English to allow them to pursue a full course of study for credit. Accordingly, every International student who applies for admission to the College must present a satisfactory score on the Test of English as a Foreign Language (TOEFL) unless otherwise exempted by Rule. St. Petersburg College will accept for admission an International student, including a transfer student from a fully accredited postsecondary institution, who has a minimum score of 500 on the paper-based or 173 on the computer-based TOEFL and passing scores on the Florida Common Entry Level Placement Test (CPT), SAT, ACT or other approved instrument. The College does not offer the TOEFL test. It must be taken at another institution.

H. International students from countries where English is the official language may be admitted without presenting the required minimum score on the TOEFL, providing they are determined to be sufficiently proficient in English.

I. St. Petersburg College offers a full program of English as a Second Language (ESL). Five levels of instruction are offered covering reading, writing, speaking and listening skills. Students will be placed in the appropriate ESL level based on the Placement Test for ESL and will be permitted to enroll in a maximum of 12 semester hours in the ESL Program and no other courses at the College while in this category. Placement in the appropriate ESL courses is mandatory. The ESL program is provided primarily to prepare degree-seeking international, resident alien, citizen and refugee students who are non-native English speakers for their college level courses.

J. Final acceptance or rejection of International student applicants who wish to attend the College on F-1 visas will not be made until all of the following items have been received:
   1. Completed application
   2. Payment of application fee
   3. Payment of International student fee
   4. Required transcripts
   5. Certificate of Financial Ability
   6. Satisfactory proof of English proficiency (if not entering the ESL program)
   7. Supplementary Data Form
   8. Proof of health insurance or a signed waiver thereof must be on file at the time of registration and must meet USIA requirements.

XI. **Resident Aliens, Refugees, Asylees and Citizens who are Non-Native Speakers of English**
Persons who have resident alien status confirmed by the Bureau of Citizenship and Immigration Service (BCIS), Cuban nationals, Vietnamese refugees and other refugees or asylees so designated by the Bureau of Citizenship and Immigration Office and citizens who are non-native speakers of English will be admitted to St. Petersburg College without presenting a minimum score of 500 on the paper-based or 173 on the computer-based Test of English as a Foreign Language (TOEFL). These students will, however, be required to take the Placement Test for ESL. Students with acceptable scores on the Placement Test for ESL will not be required to enroll in the ESL Program, but those with lower scores will be placed in the ESL Program on the basis of their scores. Placement of citizens who are non-native speakers of English in the appropriate ESL courses is mandatory. The College reserves the right to require the applicant to present the College with the Test of English as a Foreign Language (TOEFL) minimum score to be admitted to the College.

XII. The President is authorized to permit substitute admission requirements **for eligible students who have disabilities** as defined by State Board of Education Rule 6A-10.041, F.A.C.

A. This Rule is established in compliance with State Board of Education Rule 6A-10.041, to provide disabled students reasonable substitutions for requirements for admission to the College, admission to a program of the College, for course substitutions and for graduation from the College. To make a determination of appropriate substitutions, the disabled student will be required to provide documentation that:
   1. The student has a disability, which is evaluated as interfering in a basic life activity. Examples of such disabilities include but are not limited to: vision impairment, hearing impairment, mental or emotional impairment, physical impairments such as cerebral palsy or multiple sclerosis, dyslexia, or other specific learning disabilities as further defined in BOT Rule 6Hx23-4.02; and
   2. The disability can be reasonably expected to prevent the student from meeting requirements for admission to the College or a program of the College, for satisfactory completion of a course or courses or for graduation. The student must identify the specific requirement(s) for which a substitution is sought and furnish documentation from an appropriate source that will support the need of a substitution or accommodation.
   3. A student who believes he or she should be considered for substitutions for requirements for admission to the College or to a program of the College, for a course or courses required in a program or for graduation from the College should appeal to the associate provost at his/her campus or site. The associate provost and provost will meet with appropriate faculty, program directors or others and the student to determine that the student has made a clear case for a substitution and to identify the most appropriate substitution to offer the student. Current documentation of the disability, including test scores, when appropriate, will be required. Other information to be considered, especially for substitution of admission requirements, may include items such as: scores on one or more of the approved placement instruments, evidence of the student's experiences in mainstream classes, performance in selected academic courses, evidence of an appropriate reading level or appropriate competency indicating the ability to function in college-level classes, recommendations from prior teachers and other professionals.

B. Approved course substitutions shall be entered in the student's permanent academic record and once a substitution is granted, the student shall not be required to meet any additional requirements in the respective discipline area for admission or graduation. Further, all College policies related to graduation, transfer of credits and articulation with other postsecondary institutions shall include provisions for acceptance of approved course substitutions.

XIII. For requirements for admission to the **Bachelors degree in Education Programs** at St. Petersburg College see BOT Rule 6Hx23-4.72.

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XIV. Students will be eligible for admission to the **Bachelor of Science degree in Nursing Program** at St. Petersburg College as follows:
   A. Completion of the articulated Associate in Science degree in Nursing from a fully accredited postsecondary institution or a diploma in nursing accredited by the National League for Nursing Accrediting Commission.
   B. Cumulative grade point average of 2.00 on a 4.00 scale in lower-division A.S. program.
   C. Presentation of a valid unrestricted, unencumbered RN license from the state where applicant is practicing, to be kept current throughout the duration of the required course of study.
   D. Completion of a minimum of 15 semester hours of transferable general education coursework.
   E. Completion of the uniform upper-division application form and presentation of official transcripts from all postsecondary institutions attended.

XV. Students will be eligible for admission to the **Bachelor of Applied Science degree in Technology Management** at St. Petersburg College as follows:
   A. Completion of an Associate in Science degree from a fully accredited postsecondary institution in one of the following program areas:
      Computer Engineering Technology
      Computer Information Technology
      Computer Programming and Analysis
      Computer Service Technology
      Database Technology
      Networking Services Technology
      Electronics Engineering Technology
      Industrial Electrical Technology
      Industrial Manufacturing Technology
      Manufacturing Technology
      Plastics Engineering Technology
      Information Technology
      Security Engineering
      Quality
      Internet Services Technology
      Electrical Distribution Technology
      Telecommunications Technology

      Students with an A.S. degree that is not one of the listed areas may be admitted to the upper-division program with permission of the dean.

      Students with 60 credits but not an Associate in Science or Associate in Applied Science degree may be admitted to the upper-division program only with permission of the dean.
   B. Completion of an Associate in Arts (A.A.) degree, with a minimum of 36 semester hours of transferable general education coursework, from a fully accredited postsecondary institution. (If general education coursework for an A.A. has been completed, the student must complete 21 credits in the major in a single technical major in place of the additional general education coursework required of students admitted with an Associate in Science degree).
   C. Cumulative grade point average of 2.00 on a 4.00 scale in lower-division A.S. program.
   D. Completion of a minimum of 15 semester hours of transferable general education coursework.
   E. Completion of the uniform upper-division application form and presentation of official transcripts from all postsecondary institutions attended.

XVI. Students will be eligible for admission to the **Bachelor of Applied Science in Dental Hygiene Program** at St. Petersburg College as follows:
   A. Completion of a degree in Dental Hygiene from an institution accredited by the Commission on Dental Accreditation.
   B. Cumulative grade point average of 2.00 on a 4.00 scale in lower-division dental hygiene program.
   C. Presentation of a valid and current Dental Hygiene license from the state where applicant is practicing, to be kept current throughout the duration of the required course of study.
   D. Completion of a minimum of 15 semester hours of transferable general education coursework.
   E. Completion of the uniform upper-division application form and presentation of official transcripts from all postsecondary institutions attended.

COLLEGE OF EDUCATION PROGRAMS

(College Rule 6Hx23-4.72)

INTENT AND PURPOSE:

This College of Education Rule is applicable to all upper-division Teacher Education Programs.

I. **Admission Criteria for Degree Seeking Students:**
   Admission to the **College of Education** is based on applicants meeting all of the following criteria:
   A. Earned a minimum cumulative GPA of 2.5 – To be eligible for upper-division education courses, students must have earned an overall cumulative 2.5 GPA on a 4.0 scale in a lower-division education-related program of study.
   B. Passed all sections of CLAST – Students must have demonstrated proficiency in state-mandated general knowledge content through approved means; i.e., College-Level Academic Skills Test (CLAST) with no waivers, exemptions or alternate satisfactions. Other state approved means to demonstrate general knowledge content include PRAXIS I, Graduate Records Examination (GRE) for post-baccalaureate applicants, or approved General Knowledge Content substitute. This standard is established by the Florida Department of Education for the Florida Teacher Certification Examination (FTCE), Florida Statute 1012.56.
      1. Florida accepts the following measures of General Knowledge Content proficiency:
         a. CLAST, PRAXIS I, and GRE. If the CLAST is used, the Florida Department of Education does not permit any waivers, exemptions and/or alternate satisfactions.
         b. After July 1, 2002 the state of Florida will no longer accept the CLAST as the general knowledge portion of the FTCE. However, the CLAST remains a State of Florida admission criterion to the College of Education.
   C. **Completed the A.A. degree** or equivalent coursework in an education-related program of study:
      1. All general education requirements and lower-division Florida-mandated prerequisites for specified Teacher Education Programs of study.
         a. Students must have completed all SPC general education requirements or equivalent courses (both in title and in semester credit hours) at other fully accredited post-secondary institutions within the prescribed cumulative GPA; i.e., 2.5 or higher. Students must have completed all college preparatory courses prior to admission into the College of Education.

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b. Students must have completed the lower-division common education prerequisites: *EDF 1005 Intro to Education*, *EDG 2701 Teaching Diverse Populations* and *EME 2040 Intro to Educational Technology* with grades no lower than a "C" in each course. Equivalent college-level courses with equivalent semester credit hours with a grade no lower than "C" in each course will be considered.

c. Students must have completed all lower-division Florida-mandated prerequisites specific to the intended Teacher Education major at the prescribed cumulative GPA; i.e., 2.5 or higher. Equivalent college-level courses with equivalent semester credit hours will be considered. Students must have completed all college preparatory courses prior to enrollment in any upper-division courses.

d. Students who entered SPC for the first time (either as Full or Part Time freshmen or as first time students) prior to the fall of 2001 but after the fall of 1997 and whose catalog year has not yet expired will be required to complete the Florida-mandated prerequisites in effect prior to 03/21/01 (FAC 6A-5.066). Students in this category must complete the student teaching internship no later than spring, 2006. Failure to successfully complete the student teaching internship by spring, 2006 will result in students having to complete the more highly prescriptive Florida-mandated prerequisites. The Florida-mandated prerequisites in effect prior to 03/21/01 also apply to students (Full or Part Time) who transfer to the College of Education either with 60 semester hours (36 SPC General Education Requirements, 9 hours Common Education Prerequisites, Florida-mandated prerequisites) or with an A.A. degree between the fall of 2002 and spring of 2003.

e. Students who entered SPC for the first time (either as Full or Part Time freshmen or as first time students) in the fall of 2001 will be required to complete Florida-mandated prerequisites in effect as of 03/21/01 (FAC 6A-5.066). The Florida-mandated prerequisites in effect as of 03/21/01 also apply to students (Full or Part Time) who transfer to the College of Education either with 60 semester hours (36 SPC General Education Requirements, 9 hours Common Education Prerequisites, Florida-mandated prerequisites) or with an A.A. degree in the fall of 2003.

f. Students transferring from Pasco-Hernando Community College (PHCC) will be advised to complete their A.A. degree at PHCC.

g. Pursuant to the waiver provisions provided by Florida Statutes 240.529(3) students who do not meet the lower-division state-mandated prerequisites specific to the intended Teacher Education major and/or other admission criteria may petition the Dean of Education for admission and may, with permission of the Dean, be admitted into the upper-division.

D. **Submitted all completed application materials and forms**.
   1. Baccalaureate Application Supplement;
   2. A formal original essay which includes factors that have influenced the applicant's decision to become a teacher, an explanation of his/her philosophy of education, previous teaching and related instructional experiences and the specific age group(s) involved, and individual skills, abilities and life experiences which showcase the applicant's potential to become an effective, caring teacher;
   3. Official academic transcripts from all past post-secondary institutions attended.

II. **Admission Criteria for Non-Degree Seeking Students:**
Enrollment in any College of Education course/program is based on applicants meeting the criteria under an appropriate category.

A. **Transient students from another college**
A transient student is one who preserves uninterrupted residency status with the home college while attending St. Petersburg College. Students who wish to attend St. Petersburg College on a transient basis must substitute a Transient Form approved by the home college in lieu of an official transcript. The Transient Form or official transcript must be forwarded along with the Application of Admission and fee, to the Admissions/Registration Office on the campus he/she expects to attend. Approval from the Dean is required prior to enrollment.

B. **Post-Baccalaureate Students**
Students who already hold a Bachelors Degree, wishing to enroll in upper-division courses leading to teacher certification, are encouraged to obtain certification guidance from the Florida Department of Education and/or a school district.
   1. Additional certification:
   Post-Baccalaureate students, possessing a teaching certificate, who wish to enroll in an upper-division course must provide proof of an earned Bachelor's Degree (transcript), and the recommended certificate program of study from the Florida Department of Education Bureau of Educator Certification or from a school district.
   2. Re-certification:
   Post-Baccalaureate students who wish to enroll in an upper-division course must provide proof of an earned Bachelor's Degree (transcript) and verification of teacher certification or employment in a school district.
   3. Alternative certification:
   Post-Baccalaureate students who wish to enroll in an upper-division course must provide proof of an earned Bachelor's Degree (transcript) and the recommended certification program of study from the Florida Department of Education Bureau of Educator Certification or from a school district.
   4. Other non-degree seeking students must seek permission from the Dean.

III. **Progression Requirements**:
The following progression requirements apply to students admitted to the College of Education:

A. The College of Education has the right to place on probation, suspend or dismiss any student, in school-based environments, who does not exhibit the competencies required by the Florida Educator Accomplished Practices (knowledge, competencies, dispositions or ethics) at the pre-professional level in accordance with Board Rule 6Hx23-4.721.

B. Students must maintain a cumulative GPA of 2.5 and a College of Education GPA of 2.5. Students who do not maintain the GPA requirements will be placed on academic probation, suspended or dismissed. Please refer to Section IV. below. Student must work with the Baccalaureate Program Specialist to develop an academic plan.

C. Students must pass the General Knowledge (GK) and Professional Education sections of the FTCE prior to fi-

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nal internship placement. Students will be permitted to take only the Subject Area exam during their final internship semester. Students who did not pass all sections of the CLAST prior to July 1, 2002, must pass the corresponding section(s) of the GK portion of the FTCE. Students must have the results of the FTCE exams sent/released to SPC prior to registration for the final internship.

D. Students must clear background checks by the Florida Department of Law Enforcement (FDLE) and a fingerprint check by the Federal Bureau of Investigation (FBI). These requirements must be met 90 days prior to the student's final internship.
   1. Students are required to disclose, on a College of Education required form, any information that may be revealed through the FDLE and FBI background check each semester they enroll in a course with school-based hours.
   2. A fee for the FDLE, FBI background check is required to be paid by each applicant. Upon request, fee waivers may be approved by the Office of Scholarships and Student Financial Assistance to document economically disadvantaged applicants (AFDC, Pell, Workforce, etc).
   3. Students who disclose background information that may preclude them from gaining a teaching certificate or teaching position in the State of Florida will not be permitted to participate in school-based experiences and will not be eligible to continue enrollment in the College of Education. These students will be withdrawn from any and all school-based courses without a refund. Students may continue their coursework for the remainder of the semester in non school-based classes.
   4. Students with unacceptable background check (FDLE, FBI) results will not be eligible to continue enrollment in the College of Education or their final internship. These students will be withdrawn from all courses, including the final internship, without a refund of any previously paid tuition or fees.
   5. Students will be required to meet and maintain the current background hiring guideline standards set forth by Pasco, Pinellas and Hernando County School Boards in order to remain eligible to continue enrollment in the College of Education.

E. All program requirements within the specified Teacher Education major must be successfully completed prior to receiving approval to be placed in the student teaching internship. The internship or student teaching is a process separate from admission to the College of Education. Therefore, admission to the College of Education does not guarantee approval to complete the student teaching internship. Therefore, students must apply for and obtain approval to be placed in the student teaching internship.

F. Students (full-time and part-time) must complete the school-based experiences associated with a course at pre-assigned sites within the semester's time frame.

G. During the final internship semester, students are not permitted to enroll in additional coursework.

H. Students must earn a grade of "C" or higher in all core College of Education courses.

I. Students may not enroll in any college preparatory courses while enrolled in the College of Education.

J. Transient students from St. Petersburg College:
   Permission to attend another institution on a transient basis will be granted on a case-by-case basis. Eligibility for transient status and acceptability of courses is determined by the Baccalaureate Program Specialist for the College of Education and the Coordinator of Baccalaureate Records. The student is urged to bring the Coordinator of Baccalaureate Records course descriptions of each course to determine their transferability and equivalency. Transient permission is not usually given to any student for consecutive sessions.
   Students granted permission to take courses on a transient basis must complete a Transient Form with the Baccalaureate Program Specialist for the College of Education. Only those courses listed on the Transient Form will be accepted as equated on the form. Courses earned in transient status are accepted with the grades earned and are treated as transfer work.

IV. **Academic Probation, Suspension and Dismissal**

A. **Academic Probation**
   1. Students must make a good faith effort to maintain the 2.5 overall GPA. Failure to do so will result in academic probation.
   2. The student will remain on probation and must maintain a 3.0 for each session until the overall GPA is 2.5 or higher. Failure to do so will result in suspension for one session.
   3. Students receiving VA benefits and/or other forms of financial assistance may lose some or all of such benefits as a result of being placed on probation, suspended or dismissed.

B. **Academic Suspension**
   1. After being placed on academic probation, a student will be suspended at the end of any session for which his/her session GPA is below 3.0.
   2. While under academic suspension, the student is ineligible to re enroll for a period of one session.
   3. Following the completion of an academic suspension, the student is required to consult with the baccalaureate specialist prior to re admission.
   4. Upon return from academic suspension, the student must maintain a minimum session GPA of 3.0 each session until the student's cumulative GPA is at least 2.5.

C. **Academic Dismissal**
   1. A student who has been suspended for at least one session, and who returns and then fails to maintain a minimum GPA of 3.0 each session will be dismissed.
   2. A student who has been academically dismissed is not eligible for further enrollment for at least one calendar year (12 months) following such dismissal.
   3. Following the completion of an academic dismissal, as described in 2. above, the student is required to consult with the baccalaureate specialist prior to re admission.
   4. Upon return from academic dismissal, the student must maintain a minimum session GPA of 3.0 each session until the student's cumulative GPA is at least 2.5.

V. **Graduation Requirements**:
   The following graduation requirements apply to students admitted to the College of Education:

A. Students must have earned a cumulative GPA of 2.5 or higher in order to be eligible to graduate and must earn a minimum overall GPA of 2.5 on a 4.00 scale in upper-division courses in the College of Education.

B. Students must have completed (with passing grades) two sequential years of a single foreign language in high school or 8 to 10 semester hours of a single foreign language at a college or university level (as required by Florida Statute 240.233).

C. For purposes of conferring the Bachelor's degree, students must complete at least 40 semester hours of

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courses numbered 3000 level or above. At least 30 of the 40 hours must be earned at St. Petersburg College.

D. Students must complete the general education requirements for the Associate in Arts degree including any assessment of education outcomes that are required by the College.
E. Students must pass all sections of the Florida Teacher Certification Examination or other instrument authorized for certification within the State of Florida.
F. Students must complete six hours of coursework with an international /multicultural focus. This is automatically met with the AA degree for native SPC students. This is met with the AA degree or Bachelor's degree for transfer students.
G. While the College catalog governs a student's program requirements, changes to a program emanating from the Florida State Board of Education will take precedence over the College catalog and may alter a student's program of study.
H. The Florida State Board of Education requires all College of Education students to demonstrate competency in all the Florida Educator Accomplished Practices as a condition of graduation.
I. College of Education students must apply for graduation the semester prior to the final internship. Fall graduates must apply no later than March 1 of the preceding semester. Spring graduates must apply no later than October 1 of the preceding semester.
J. Students must successfully complete all school based hours and the final Internship experience as a condition of graduation.
K. Graduation requirements as set forth in St. Petersburg College's Board of Trustees' Rules 6Hx23-4.01, 6Hx23-04.02 and 6Hx23-4.24 will also apply.

RE-ADMISSION

Students who have not been in attendance at St. Petersburg College for one calendar year or more, exclusive of the summer term, are required to submit an application form to ensure that the College has accurate directory and degree information on file.

An application form is obtained from the Information Desk, Admissions/Registration Office on the student's home campus or via the Internet at http://www.spcollege.edu. No additional application fee is required.

Students who have been suspended from or who have voluntarily withdrawn from a health related program may be readmitted to such program in accordance with the program's approved written re-admission policy, if any. Cases involving extenuating reasons beyond the control of the student may be appealed to the Health Education Center Provost's Office.

HOME CAMPUS

(College Rule 6Hx23-4.21)

I. Students are required to select a home campus or center, either Clearwater Campus, Seminole Campus, St. Petersburg/Gibbs Campus or Tarpon Springs Center at the time of application.
II. All actions — such as dropping courses, changing from credit to audit, and withdrawal from college — should be accomplished at that home campus or center.

TESTING OF STUDENTS

(College Rule 6Hx23-4.45)

The College requires testing to quantitatively demonstrate students' preparation and likelihood for successful matriculation.

I. **Placement Testing**
Except as noted below, new students in credit courses are required to take the St. Petersburg College Placement Tests, SAT, ACT or other approved placement instrument. The test must be taken prior to the student's first registration. Test results are used to aid in advisement and course placement. Students not required to take a placement test (unless the student plans to take a course that has Placement Test scores as a prerequisite) include:
1. transient students from other colleges and universities;
2. students who have earned either a 2-year or 4-year degree;
3. non-degree seeking students;
4. students transferring to St. Petersburg College with sufficient evidence for course placement in reading, writing or mathematics from the transferring institution;
5. students with passing scores on the SAT I (440 Math and 440 Verbal) or Enhanced ACT (17 English, 18 Reading and 19 Math) taken within the past 2 years;
6. students enrolled in Certificate programs except as required in certain programs; and
7. English as a Second Language students who take an approved Placement Test for ESL (i.e., CELT, LOEP).
Upon completion of 18 semester hours, non-degree-seeking students registered in job improvement or enrichment program codes must meet with a counselor or academic advisor prior to registration.

II. **Assessment Testing**
A. All students pursuing a certificate or an A.S. degree will be required to complete an End of Program Assessment which shall be used in certifying attainment of the standards of performance established for the program.
B. Associate in Arts degree students must satisfactorily pass the College-Level Academic Skills Test (CLAST) unless exempt.
C. Students pursuing all degrees and certificates may be required to participate in an Assessment of General Education Outcomes.

III. To qualify for admission to the College and for financial assistance, students who are not high school graduates or who do not possess the GED must demonstrate ability to benefit from college-level programs at SPC by completing the St. Petersburg College Placement Test with minimum scores in at least one of the three areas of reading, writing and arithmetic as specified in College Procedures.

RESIDENCY

(College Rule and Procedure 6Hx23-4.14)
(Section 240.1201, F.S. & Rule 6A-10.044, F.A.C)

Classification as a Florida resident for tuition purposes shall be based upon Section 240.1201, Florida Statutes and Residency Guidelines for Regular Admissions/Reclassification promulgated by the State Board of Community Colleges, June 5, 1992 for Regular Admissions/Reclassification which states: "Applicants who execute the residency statement as Florida residents and whose application and other evidence appear entirely consistent with legal Florida residency for at least 12 months before the first day of classes of the term for which Florida residency is sought will be classified as Florida residents."

For the purpose of determining residency status, "term" is defined as the beginning of a regular and/or express session for which residency is sought.

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I. The College shall follow Residency Guidelines for Regular Admissions/Reclassifications promulgated by the State Board of Community Colleges and adopted on June 5, 1992 and any amendment that may be made thereto.
   A. Students shall be classified as residents or nonresidents for the purpose of assessing tuition fees and other charges at the College.
      1. Dependent child is any person, whether or not living with a parent, who is eligible to be claimed by his/her parent as a dependent under the Federal Income Tax Code.
      2. Legal resident or resident is a person who has maintained residence in this state for the preceding year, has purchased a home which is occupied by her/him as her/his residence, or has established a domicile in this state pursuant to Florida Statute 222.17.
   B. Qualifications as a Resident for Tuition Purposes
      1. A person or, if that person is a dependent child, her/his parent or parents must have established legal residence in this state and must have maintained legal residence in this state for at least 12 months immediately prior to her/his qualification.
      2. Every applicant for admission to an institution of higher learning shall be required to make a statement as to length of residence in the state and, further, shall establish that her/his presence, or if she/he is a dependent child, the presence of her/his parent or parents in the state currently is and during the requisite 12-month qualifying period was, for the purpose of maintaining a mere temporary residence or abode incident to enrollment in an institution of higher learning.

II. Every applicant for admission to the College must complete the Application for Admission form and must show evidence of having lived in Florida for at least 12 consecutive months before the first day of classes for the term for which Florida residency is sought.

III. **Reclassification:**
Students classified as "nonresident for tuition purpose" who desire to be reclassified as "residents for tuition purposes" must fully comply with the "resident for tuition purposes" requirements of this procedure and complete the Florida residency affidavit section of the Application for Admission form.

Evidence That May Be Required To Establish Residency

The following hard copy documentation may be requested, considered and/or subsequently recorded as evidence of establishing a residence for tuition purposes in Florida. The College will take care that denial of residency is not based on one single circumstance. NO SINGLE DOCUMENT SHALL BE CONCLUSIVE IN ESTABLISHING OR DENYING RESIDENCY. (The following list of documentation/evidence is not all-inclusive.)

1. Proof of purchase of permanent primary Florida home.
2. Professional/Occupational license in Florida.
3. Full-time, non-temporary employment in Florida. (e.g. W-2 forms, letter from employer).
4. Purchase of Florida real property.
5. Part-time permanent employment in Florida.
6. Proof of membership in Florida organizations.
7. Proof of acceptance of permanent employment in Florida.
8. Family ties in Florida.
9. Florida Incorporation.
10. Florida Voter's Registration.
11. Declaration of Domicile in Florida.
12. Florida Vehicle Registration.
13. Florida Driver's License.
14. Absence of evidence of establishing a legal residence elsewhere.
15. Transcripts from Florida schools for multiple years.
16. Proof of Homestead Exemption.

At least one of the above hard copy documents must be dated 12 months before the first day of class for the term in which residency is sought.

Rent receipts, leases or college records are NOT in and of themselves evidence of establishing a Florida residence for tuition purposes, but are evidence of physical presence.

Additional Information

Florida law allows non-U.S. citizens: resident aliens, parolees, asylees, refugees or other permanent status persons (e.g., persons who married a U.S. citizen, temporary residents, etc.), who have applied to and have been approved by the Bureau of Citizenship & Immigration Service (BCIS) for indefinite stay and employment will be considered eligible to establish Florida residency. In addition, certain nonimmigrants holding Visas A, E, G, H, I, K, L, N, O or R shall be considered eligible to establish Florida residency for tuition purposes if the applicant or the dependent applicant's parent/legal guardian has been a legal resident of the State for at least 12 months preceding the first day of classes of the term for which Florida residency is sought.

It is important to note that living or attending school in Florida is not tantamount to establishing a legal residence for tuition purpose. Maintaining a legal residence in Florida requires substantial physical presence as a condition.

For the purposes of determining residency for tuition purposes, continuous enrollment shall be defined as enrollment in at least two terms each 12-month period beginning with the student's first enrollment in a community college or university.

Students who are attending SPC under a non-immigrant VISA status, F1-Student VISA or B2-Visitor VISA are not eligible for changes to their residency status except in certain circumstances. (Contact the campus International Student Office for details.)

Florida law provides that any person making a false statement to a public official shall be guilty of a misdemeanor and subject to a penalty of up to 60 days in prison and a fine of up to $500. St. Petersburg College reserves the right to withhold credit earned by an applicant who is found to have made false and fraudulent statements concerning legal resident status.

The foregoing information is not intended to answer all questions regarding residency. For additional information regarding whether a student meets the Florida residency requirements, contact the Admissions/Registration Office on your home campus/site/center.

SENIOR CITIZENS

(College Rule 6Hx23-5.20)

The president shall waive fees for Senior Citizens (persons 60 years of age or older who are residents of the state of Florida) – tuition, financial aid, student activities and services, and capital improvement fees. Fees waived under the provisions of this rule shall be granted only on space available basis for designated classes if such classes are not filled as of two business days prior to the close of registration for any eligible modmester or flexible format classes. Classes that will not be available include those offered via TV; Weekend Computer Institute classes; Corporate Training classes; non-credit classes; limited access classes; options for study abroad programs; and classes that are within limited access and four-year programs.

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SERVICES FOR STUDENTS WITH DISABILITIES

St. Petersburg College is committed to the open door concept and provides equal access to campus facilities and educational opportunities to all qualified individuals with disabilities.

It is the responsibility of the student or prospective student to bring to the college's attention the need for academic accommodation due to a qualifying disability. Requests must be supported by appropriate documentation of the relevant disability and filed at the student's home campus with the Learning Specialist of that site. Information on the type of documentation needed may be obtained from the Learning Specialist on any campus. Some appropriate types of documentation are also listed at www.spjc.edu/central/ossd/services.htm, the College's main web page for Disability Services. Personnel are available in the Offices of Services for Students with Disabilities at each site to assist students in preparing their requests for academic accommodations and to help them obtain other necessary support services.

Students who present acceptable documentation will receive an Authorization for Accommodation Form, listing approved services, from the home campus Learning Specialist. Students whose disabilities may affect their performance in a course or who require special and reasonable accommodations should present this Authorization for Accommodation Form(s) to their instructor(s) at the beginning of the course.

Requests for reasonable variation in degree requirements to accommodate a student's disability should be made in writing to the associate provost or provost. If the student's disability precludes attainment of licensure or certification in the desired degree program, that information will be so noted in replying to the request. Any questions concerning the propriety of particular accommodations should be referred to the associate provost or provost at each site.

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ACADEMIC INFORMATION

BACHELOR DEGREES, ASSOCIATE DEGREES, CERTIFICATES AND DIPLOMAS

St. Petersburg College awards the following degrees, certificates and diplomas to students that have completed all program requirements consistent with the provisions of this catalog.

BACHELOR OF SCIENCE DEGREE: The Bachelor of Science degree is awarded upon the completion of the course requirements in one of the following programs: Elementary Education, Exceptional Student Education, Secondary Mathematics Education, Secondary Biology Education or Nursing.

BACHELOR OF APPLIED SCIENCE DEGREE: The Bachelor of Applied Science degree is a baccalaureate degree primarily designed to prepare students to enhance their career. The graduates who possess an earned Associate in Science degree (A.S.) or an Associate in Applied Science (A.A.S.) accredited degree are eligible for admission. The Bachelor of Applied Science degree is awarded upon the completion of the course requirements in Technology Management or Dental Hygiene.

SECOND BACCALAUREATE DEGREE: A second baccalaureate degree may be earned by students provided that (1) all requirements for the major/minor as well as individual program requirements for the second degree are satisfied; and (2) thirty (30) semester hours in residence are completed, in addition to the hours required for the first degree. There are no liberal studies or Florida CLAST requirements for the second degree.

ASSOCIATE IN ARTS DEGREE: The Associate in Arts degree is awarded upon the completion of the course requirements of the college transfer associate in arts program. This curriculum is designed for students desiring to pursue a four-year baccalaureate degree at a senior college or university.

ASSOCIATE IN SCIENCE DEGREE (articulated): The Associate in Science degree is awarded upon completion of the course requirements for the college transfer articulated associate in science program. This curriculum is designed for students desiring to pursue a four-year baccalaureate degree at a senior college or university.

ASSOCIATE IN SCIENCE DEGREE: The Associate in Science degree is awarded upon completion of the course requirements for most two-year programs.

ASSOCIATE IN APPLIED SCIENCE DEGREE: The Associate in Applied Science degree is awarded upon completion of the course requirements in Management, Marketing or Industrial Management Technology.

CERTIFICATES AND DIPLOMAS: Certificate and Diploma programs consist of a series of courses which are designed to prepare an individual for employment in a specific occupation. These programs consist of a sequence of courses which generally can be completed in one year or less by a full-time student. Successful completion of these curriculum programs leads to a certificate or diploma.

REGISTRATION

Each semester continuing students admitted to a program are mailed an appointment letter to register in person or on the Web. These students may register on their reserved day or any day thereafter. New students are given registration appointments as an outgrowth of the admissions process.

WEBSTER – (Web-based Registration and Student Record)

http://www.spcollege.edu

The Webster online system allows a student to apply for admission, register for courses, drop and add courses, change address and phone numbers on file, browse course schedules, verify appointment date, display the student's registered schedule, check grades, review financial assistance awards and pay fees with a VISA or MasterCard credit card.

Student number and password are needed to log-in.

Students who have never used the web system before can create a password before their first log-in. Non-students may log-in as 'GUEST' with password of "GUEST" to browse the course schedules or apply for admission. Visit the SPC web site at http://www.spcollege.edu and look for the Webster link on the left to take advantage of this service. Questions regarding Webster should be referred to 727-341-4SPC (4772).

COURSE LOAD

The maximum recommended course load is18 semester hours of credit in Sessions I and II and 12 semester hours of credit in Express Sessions or Session III. Under extenuating circumstances, students may, with the consent of a counselor or advisor, take additional credit hours.

All credit courses show a specified number of credits that generally indicate the amount of work required. A 3-credit lecture/discussion course normally meets 3 clock hours per week during the 16-week sessions. More clock hours per week are required during the abbreviated terms such as the Express and Summer sessions. Despite some variation in the out-of-class work required to succeed in individual classes, 2 hours outside of class for every hour in class is the normal expectation. That means that a student taking a 15 credit hour course load (during Sessions I or II) will need to devote a total of 45 hours each week to his/ her academic effort.

Dedicated students who are working half time often succeed with a 12-17 hour load but few students are able to work full-time and succeed in a full-time course load. Students who are working, or have other similar obligations, should consider the following scale as they make decisions about their schedules:

Employment	**Recommended Academic Load**			
No More Than Hours Per Week	Session I or II 16 Weeks	Express Session 12 Weeks	Summer 10 Weeks	Express Session 6 weeks
20 Hours	12-15 Credits	9-12 Credits	6-10 Credits	4-6 Credits
30 Hours	9-12 Credits	6-9 Credits	3-6 Credits	3-5 Credits
40 Hours	6-9 Credits	3-6 Credits	3-5 Credits	2-4 Credits

For further information see BOT Rule 6Hx23-4.161.

AUDIT STUDENTS

(College Rule 6Hx23-4.20)

Students who wish to audit a college-level course may register on an audit basis without special permission during the regularly scheduled registration period through the end of the first week of classes. This applies to regular and express sessions.

Students who wish to change from credit to audit status may change to an audit status without special permission during the regularly scheduled registration period through the end of the first week of classes. This applies to regular and express sessions.

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Students may change from audit to credit status during the regularly scheduled registration period through the end of the first week of classes or after the registration period has expired, but prior to the end of the session only upon the approval of the faculty member, the program director and the campus provost or associate provost.

Fees are the same for both credit and audit students.

Audit students are required to meet course prerequisites including appropriate scores on the St. Petersburg College Placement Test unless such requirements are waived by obtaining permission through the program director.

Under exceptional circumstances, a student may appeal to the appropriate program director to seek a change to credit in a course in which registration was for audit. The program director will work with the student and the instructor to determine that the student completed all of the requirements for credit in the course.

ACADEMIC AVERAGE AND REPEATED COURSES

(College Rule 6Hx23-4.15)

PURPOSE AND INTENT:

To provide for a student's grade point average that will include grades on all college-level work attempted. If a course is repeated more than once, only the grade on the last attempt will be used in computing the average.

I. A student may not repeat a college level course for which a grade of "C" or higher has been earned. Exceptions may be granted only by appeal to the campus academic appeals committee. A college level course may be attempted without penalty only two times. At the third attempt, the student will be assessed fees at the full cost of instruction. In addition, at the third or any subsequent attempt, the student may not receive a grade of "I", "W" or "X", but must receive the letter grade earned. When a course is repeated or when credit cannot be received in both of two courses, credit will be allowed only in the more recent course taken, even if the later grade is lower than a previous grade. Except where provided in the course description, multiple credit will not be granted for the same course.

II. Credit for previous attempts will not be taken away until the course has been repeated the maximum number of times allowable for credit.

III. After the maximum has been reached, the loss of credit for earlier attempts will be applied first to the attempt with the lowest grade, then successively to the next highest grade,etc. The symbols to be used for designating grades are standardized for all Florida community colleges in Appendix II (Common Transcript Standard Form) to the articulation agreement between the state universities and the public community colleges of Florida. The appendix also specifies a 4-point grading system for determination of grade point averages.

Section 2C of the articulation agreement provides that only the final grade received in courses repeated by the student shall be used in computing the grade point average.

The college uses the following letter grades (and grade points):

	Grades used in GPA computation:			**Grades NOT used in GPA computation:**
A	4 grade points	Excellent	W	Withdrawal
B	3 grade points	Good	S	Satisfactory
C	2 grade points	Average	X	Audit
D	1 grade point	Poor	I	Incomplete
F	0 grade points	Failure	N	No Credit (Coll. Prep)
			NC	Non credit
			P	Passing

A computer program records the grade assigned by the instructor, assigns the grade points associated with the letter grade and records the grade points earned for the course. The program then summarizes the course totals for the session:

A. Hours earned: Actual hours earned (whether grade points are assigned or not; e.g., "S" grades.)
B. Hours attempted for GPA: Includes all courses in which the assigned grade has a grade point value of 0-4.
C. Total grade points.
D. Grade point average: The GPA is the ratio obtained by dividing total grade points by hours attempted for GPA.

The program then searches the permanent record file to determine if any of the courses in the current session appear previously on the permanent record file. When such a course is present, the previous hours earned, hours attempted and the grade points are excluded from the summary and the last (latest) attempt is designated by an "R" (repeat), even if the grade in the last attempt is lower (earning fewer grade points).

To determine repeated courses, the data systems programs will check transfer work as well as previous college work on the permanent record file.

The on-line permanent record file represents an accumulation dating back only to Session I, 1969-70. When a student's record includes work which has not been accumulated on the file, the college registrar adds "pre 69" data to the on-line permanent record.

The grade-point average is determined by dividing the total of the quality points earned by the total academic credits attempted. Only the last attempt of a repeated course will be used in computing the grade-point average. However, a grade of "W" will not override a grade of "F." The following example illustrates a grade-point average of 2.42 obtained by dividing 29 by 12.

Course	Sem. Hours	Grade	Hours Attempted	Hours Passed	Academic Quality Points
REA 0002	4	B	0	4	0
ENC 1101	3	A	3	3	12
CTS 1101	1	C	1	1	2
MAC 1147	5	B	5	5	15
ACG 2021	3	F	3	0	0
ECO 2013	3	X	0	0	0
			12		29

$$\text{GRADE POINT AVERAGE} = \frac{\text{QUALITY POINTS}}{\text{ACADEMIC HOURS ATTEMPTED}} = \frac{29}{12} = 2.42$$

WARNING: Some universities have restrictive "grade forgiveness" policies that permit only a limited number of repeated courses and that calculate the grades for all attempts in the overall grade-point average (GPA).

GRADING SYSTEM

(College Rule 6Hx23-4.20)

I. Letters are used to indicate the quality of work done by students at St. Petersburg College:

A	excellent	awards 4 quality points
B	good	awards 3 quality points
C	average	awards 2 quality points
D	poor	awards 1 quality point
F	unsatisfactory	awards 0 quality points
I	incomplete	awards 0 quality points
N	no credit (college preparatory courses only)	
P	passing (regular credit courses)	
S	satisfactory (non-credit courses only)	
SP	showing progress (non-credit courses only)	

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U unsatisfactory (non-credit courses only)
W withdrawal
X audit

II. Special Instructions for Grades:
A. "I" (Incomplete) grades received at the end of any term become "F" if not completed by the end of the succeeding Fall or Spring term.
B. A grade of "N" is used only in college preparatory courses. A grade of "N" may be assigned to students earning a "D" or "F" in such courses.
C. "P" may be used as follows:
1. Students enrolled in physical education activity courses (e.g. golf, tennis, bowling, archery, racquetball, etc.) may choose to be graded on a "P/F" or an "A-F" basis. During the first 2 weeks the course is taught, the instructor will require each student to select the grade option preferred. "P" grades will not be used in GPA calculations.
2. Credit awarded by Assessment of Prior Learning through the Experiential Learning Program (ELP) may be designated by the grade of "P." Assessment of Prior Learning is the only approved procedure for evaluating and awarding credit for prior learning.
3. Satisfactory completion of credit courses designated as Weekend Computer Institutes (WCI) or Corporate Training Services (CTS) may be graded on a "P/F" or an "A-F" basis. During the first meeting of the class, the instructor will require each student to select the grade option preferred. "P" grades will not be used in GPA calculations. Students who do not complete the final project in a Weekend Computer Institute class, but who attend all classes will receive a grade of "X."
4. Satisfactory completion of the following credit courses in the Physical Therapist Assistant program will be graded on a "P/F" basis.
PHT 1801L – Physical Therapy Clinical Practice I
PHT 2810L – Physical Therapy Clinical Practice II
PHT 2820L – Physical Therapy Clinical Practice III

Credits for Advanced Placement, International Baccalaureate, College Level Examination Program (CLEP) and Experiential Learning Program (ELP) are awarded without letter grades or quality points assigned. Credit will not be awarded which is duplicative of credit awarded through any other examination program, courses taken at St. Petersburg College or courses received in transfer. However, if the course(s) for which credit is awarded under this rule has a previous grade of "F," the provision of BOT Rule 6Hx23-4.15 (academic average and repeated courses) will be applied.

Incomplete Grades and Procedure

Incomplete grades are determined by the instructor. An Incomplete grade ("I"), received at the end of any term becomes an "F" if not completed by the succeeding fall or spring term.

The following conditions must be met before an instructor is permitted to extend the "I" grade:

1. Documented evidence of the reason(s)/circumstance(s) for granting the "I" and extension of time to complete the course(s).
2. Minimum completion of 80% of the coursework required for the class(es).
3. Evidence via attendance, test grades, required projects, term papers, clinical/cooperative experiences, etc. that the student is in good standing in the course.
4. Completion of a fully executed form with signatures of the student and instructor(s).

The student may not sign up for another section of the course during the applicable period of the incomplete grade.

Students and faculty members are reminded that failure to complete the "I" grade by the end of the succeeding fall or spring term will result in automatic conversion of the grade to an "F".

A student will be permitted to complete the course in a manner determined by the instructor in order to have the incomplete grade changed. The time period allowed for such completion will be at the discretion of the instructor, but shall not exceed the length of one academic session.

If a student wishes to repeat the course, the incomplete grade will not be counted.

ACADEMIC WARNING, PROBATION, SUSPENSION, DISMISSAL

(College Rule 6Hx23-4.46)

I. **Academic Warning**
A. A student after completing a minimum of 7 semester hours of college-level coursework, must maintain at least a 2.0 cumulative GPA. Failure to do so will result in the student being placed on academic warning. While in warning status, the student is considered to be in good academic standing. An attempt shall be defined as each enrollment in a College/college preparatory course past the drop/add period regardless of grade received. This definition shall apply throughout BOT Rule 6HX23-4.46.
B. A transfer student who is admitted to the College with less than a 2.0 GPA is placed on academic warning. While in academic warning status, the student is considered to be in good academic standing.

II. **Academic Probation**
A. After being placed on academic warning, a student must make a good faith effort to remediate his/her cumulative GPA by maintaining at least a 2.0 cumulative GPA in any session he/she is enrolled. Failure to do so will result in the student being placed on academic probation.
B. A student on academic probation will be restricted by the following rules:
1. The student will remain on probation until the cumulative GPA has been raised to 2.0 or higher.
2. Students receiving VA benefits and/or other forms of financial assistance may lose some or all of such benefits under the provisions of the Rule regarding probation and suspension.
3. Students are not eligible for financial assistance for the first session in which they are placed on probation. In order to qualify for financial assistance for any subsequent session while on probation, students must maintain at least a 2.0 GPA each session of enrollment.

III. **Academic Suspension**
A. After being placed on academic probation, a student will be suspended at the end of any session for which his/her session GPA is below 2.0.
B. While under academic suspension, the student is ineligible to reenroll for a period of 1 session.
C. Following the completion of an academic suspension, the student is required to consult with a counselor prior to readmission.
D. Upon return from academic suspension, the student must maintain a minimum session GPA of 2.0 until the student's cumulative GPA is at least 2.0

IV. **Academic Dismissal**
A. A student who has been suspended for at least 1 session and who returns and then fails to maintain a minimum GPA of 2.0 each session will be dismissed.
B. A student who has been academically dismissed is not eligible for further enrollment for at least 1 calendar year (12 months) following such dismissal.

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C. Following the completion of an academic dismissal [(B) above] the student is required to consult with a counselor prior to readmission.
D. Upon return from academic dismissal, the student must maintain a minimum session GPA of 2.0 each session until the student's cumulative GPA is at least 2.0.

V. **Health related programs**
A. In addition, students in health related programs may be placed on academic probation, suspension or dismissal, pursuant to BOT Rule 6Hx23-4.53.
B. Re-admission for health related program students may occur in accordance with this Rule unless otherwise stated in BOT Rule 6Hx23-4.53.

CLASS ATTENDANCE

(College Rule 6Hx23-4.30)

It will be the responsibility of each instructor to insure that all students are informed of his/her class attendance and excessive absence policy in writing via the course syllabus. The instructor determines when the absences of a particular student have become "excessive." It is also the responsibility of the instructor to take regular attendance for students enrolled in his/her class(es) and promptly report in writing to the center or campus admissions/registration/business office any student in violation of that policy.

I. Regular class attendance is expected of all students. When absent for less than a week because of illness or other emergencies a student should notify, or have someone notify, the appropriate instructors. In the case of extended absences of a week or more, the student should notify, or have someone notify, the office of the associate provost.
II. The effect of absences upon grades is determined by the instructor. It is important that the student become aware of each instructor's attendance and excessive absence policy. If any student violates the instructor's attendance and excessive absence policy, the instructor will withdraw the student and assign a grade pursuant to BOT Rule 6Hx23-4.31. Any student withdrawn for excessive absences will receive notification of such action.
III. For an instructor who fails to provide a syllabus or who fails to include in his/her syllabus an attendance and excessive absence policy, the instructor and student shall be bound by the following:
A. Absences exceeding 20% of the scheduled class hours shall be considered excessive.
B. The instructor shall withdraw the student and assign a grade pursuant to BOT Rule 6Hx23-4.31.
C. Any student withdrawn for excessive absences will receive notification of such action.

Veterans should read the Attendance paragraph under the Veterans Information section.

COLLEGE-PREPARATORY INSTRUCTION

(College Rule 6Hx23-4.451)

I. Competency-based preparatory instruction is required for degree seeking students who score below the St. Petersburg College Placement Test cut-off scores prescribed by SBE Rule 6A-10.0315, F.A.C., and College Procedure P6Hx23-4.45. Deficiencies identified by the St. Petersburg College Placement Test will be in one or more of three-skill areas-reading, writing and mathematics. Students scoring below the prescribed St. Petersburg College Placement Test cut-off scores in any of these three areas must begin competency-based preparatory instruction in those area(s) of deficiency within their first 12 credit hours of enrollment. Florida Statutes 240.321 provides alternate private provider's instruction.
II. Students with identified deficiencies will be precluded from enrolling in other credit courses within the skill area(s) of deficiency until basic skill mastery equivalent to the St. Petersburg College Placement Test score cut-off for such area(s) has been demonstrated. Concurrent enrollment in credit courses outside the area(s) of deficiency is permissible, however, in accordance with established prerequisite requirements and Section V. below.
III. Students who have begun required competency-based preparatory instruction must take identified preparatory courses consecutively in their identified deficient skill area(s) during each session they enroll at the College, insofar as possible in conjunction with Section I. above, until such area(s) of deficiency is/are resolved within the limitations prescribed by Section IV. below.
IV. Enrollment in competency-based preparatory credit instruction to remediate deficiencies in the skill area(s) identified may not extend beyond three attempts in each required course in each skill area. Students enrolled in the same college preparatory class within a skill area more than twice will be assessed fees at 100 percent of the full cost of instruction. Students may have their fees reduced once for each class due to extenuating circumstances as determined by the campus provost or associate provost. However, the provost, associate provost or designee shall have the authority to review and reduce payment for increased fees due to continued enrollment in a college preparatory class on an individual basis contingent upon the student's financial hardship. An attempt shall be defined as each enrollment in a College/college preparatory course past the drop/add period regardless of the grade received.

Extenuating circumstances are those circumstances determined by the College to be exceptional and beyond the control of the student, which may include but not be limited to one or more of the following:
A. serious illness;
B. documented medical condition preventing completion;
C. death of an immediate family member;
D. involuntary call to active military duty;
E. documented learning disability;
F. English as a second language background;
G. documented change in conditions of employment; or
H. other emergency circumstances or extraordinary situations such as natural disasters.

The criteria for determining financial hardship shall include, but not be limited to, qualification for federal need-based financial assistance. Students with other documented financial hardships may also be considered. In either case, the exception for financial hardship should be granted only after the student has demonstrated reasonable effort to succeed in the course.

V. Students who have failed to remediate deficiencies in any course in any of the identified skill area(s) within three attempts will be permitted to enroll in additional credit coursework, but must be concurrently enrolled in the area(s) of deficiency every session until basic skill mastery equivalent to the St. Petersburg College Placement Test score cut-off for such area(s) has been demonstrated.

WITHDRAWAL

(College Rule 6Hx23-4.31)

I. **Withdrawal From the College**
The President shall establish procedures causing students to be apprised of their progress prior to the voluntary withdrawal deadline. Students who wish to withdraw completely from the College are required to report to the counseling areas of their home campus or center for an exit interview. If

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it is not possible for a student to come in, a request in writing that the student be withdrawn may be submitted.

II. **Course Withdrawals are Classified as Follows:**
   A. **INVOLUNTARY WITHDRAWAL** – When a credit student has been involuntarily withdrawn for excessive absences, he/she will receive a final grade of "W" through the deadline date listed in the College catalog for each session. After the deadline, a student will receive a grade of either "F" or "W" as determined by the instructor. An audit student will receive a grade of "W" regardless of the date or circumstance of withdrawal.
   B. **VOLUNTARY WITHDRAWAL DURING "W" PERIOD** – A student who elects to withdraw voluntarily from a course prior to the deadline of a regular session will receive a final grade of "W."
   C. **VOLUNTARY WITHDRAWAL AFTER "W" PERIOD** – A student who withdraws voluntarily between the deadline date and the end of the session will receive a final grade of "F" or "W" as determined by the instructor.

Withdrawal from an individual course without penalty will be permitted no more than two times. At the third attempt in any course the student may not receive a W, but will receive the appropriate letter grade earned based on academic performance in the course (See 6Hx23-4.451 and 6Hx23-4.15 for rules on penalties). An attempt shall be defined as each enrollment past the drop/add period in a college level or college preparatory course regardless of grade received. The three-attempt provision is intended to include any college-level course(s) where grades of D, F, W, X, I or any combination thereof were earned. A fourth attempt may be allowed only by petition through the campus academic appeals committee process. However, only the last grade earned in a college level course will be factored into the overall grade point average (GPA) calculation, even if the last grade is lower than a previous grade.

If the withdrawal is voluntary during the "W" period, the student initiates the form and obtains the instructor's signature.

If, instead of withdrawing from a single course, a student desires to withdraw from the College (all courses), he/she must report to the counseling office on his/her home campus for an exit interview.

NOTE: ON ALL DROPS, WITHDRAWALS AND CHANGES TO AUDIT, IF STUDENT IS UNDER SOCIAL SECURITY, VETERANS ADMINISTRATION OR FINANCIAL AID BENEFITS AND CEASES TO BE FULL-TIME, THE NECESSARY AGENCIES MUST ALSO BE NOTIFIED.

III. **Absence from Class Because of Illness**
   A. Any student who has to be absent from class due to illness should notify the instructor of the illness and possible duration of illness.
   B. Any illness or injury necessitating extensive absence from class should be reported to the associate provost. The associate provost will then notify the instructors involved.
   C. Any further action required (e.g., make-up work, etc.) must be arranged by the student with each instructor.

IV. **Procedure for Involuntary Withdrawal from A Course**
   A. It will be the responsibility of each instructor to insure that all students are informed in writing of the class attendance and excessive absence policy via the course syllabus. The instructor determines when the absences of a particular student have become "excessive." If there is any question about a student's absence, the instructor should contact the associate provost or provost for possible information concerning the particular case.
   B. The effect of absences upon grades is determined by the instructor. It is important that the student become aware of each instructor's attendance and excessive absence policy. If any student violates the instructor's attendance and excessive absence policy, the instructor will withdraw the student. If the withdrawal occurs during the voluntary withdrawal period, the grade assigned will be a "W". After the end of the voluntary withdrawal period, a grade of "F" or "W" as determined by the instructor, will be recorded.
   C. For an instructor who fails to provide a syllabus or who fails to include in his/her syllabus an attendance and excessive absence policy, the instructor and student shall be bound by the following:
      1. Absences exceeding 20% of the scheduled class hours shall be considered excessive.
      2. The instructor will withdraw the student and assign a grade pursuant to IV.B. above.
      3. Any student withdrawn for excessive absences will receive notification of such action.

(Veterans should check the Veterans Information section)

V. **Reinstatement of Students**

Students involuntarily withdrawn from a course for excessive absences due to illness may be reinstated at the discretion of the instructor. Any student who is not so reinstated and who wishes to appeal the involuntary withdrawal may file a student academic appeal under the provisions of BOT Rule 6Hx23 - 4.36 (II).

NOTE: Some universities recalculate a transfer student's GPA by converting all "W" grades beyond the university's limits to "F" grades. Therefore, "W" grades may be detrimental to a student's GPA at the next institution attended.

PRESIDENT'S HONOR LIST

(College Rule 6Hx23-4.491)

Students achieving a GPA of at least 3.3 each session and completing at least 12 academic hours for Sessions I and II and at least 9 academic hours for Session III, shall be included in the President's Honor List.

CLASSIFICATION OF STUDENTS

(College Rule 6Hx23-4.16)

Students are classified according to the number of semester hours of credit they have earned and the number of semester hours they are carrying. Listed below are the requirements for the respective classifications:

I. **Full-time student** – An enrollee carrying 12 semester hours or more during a regular session (Session I or II) or 9 semester hours or more during Session III (summer).
II. **Part-time student** – An enrollee carrying fewer than 12 semester hours during a regular session (Session I or II) or fewer than 9 semester hours during Session III (summer).
III. **Freshman** – An enrollee who has fewer than 24 semester hours of earned credit.
IV. **Sophomore** – An enrollee who has between 24 and 59 semester hours of earned credit.
V. **Junior** – An enrollee who has between 60 and 89 semester hours of earned credit meeting the admission requirements for admission into the upper division.
VI. **Senior** – An enrollee admitted into the upper division who has 90 semester hours or more of earned credit toward a bachelor degree.

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FINAL EXAMINATIONS

(College Rule 6Hx23-4.19)

The giving of the final examination shall be left to the discretion of the individual instructor, with the concurrence of the program director; however, students averaging an "A" or "B" may be exempt from the final by obtaining permission from the instructor.

All final examinations will be administered according to the published schedules.

CREDIT FROM NON-TRADITIONAL SOURCES

(College Rule 6Hx23-4.17)

Section 240.4015, Florida Statutes, requires the Articulation Coordinating Committee (ACC) to establish passing scores, course and credit equivalents for Advanced Placement (AP), International Baccalaureate (IB), and College Level Examination Program (CLEP) exams. Public community colleges and universities in Florida are required to award credit for AP, IB, and CLEP as designated in the ACC Guidelines beginning in the 2002-2003 academic year. The ACC Guidelines also address other credit-by-exams such as DANTES/DSST and Excelsior College exam equivalents as authorized by the State Board of Education Rule 6A-10.024.

St. Petersburg College is committed to accepting and granting of college credit based upon the ACC Guidelines. Specific exams, passing scores and course equivalents are published by SPC's Central Records office and information related to credit granted can be obtained in the campus testing and advisement offices. The maximum amount of credit which may be granted from all sources of non-traditional credit is 45 semester hours. This also includes correspondence or extension courses as well as the Experiential Learning Program (ELP). In instances where students utilize only one source of non-traditional credit, the maximum amount of credit which may be accepted, is as follows:

Advanced Placement Examinations	45 semester hours
International Baccalaureate Program	30 semester hours
College-Level Examination Program	45 semester hours
Assessment of Prior Learning/ Experiential Learning Program (ELP)	45 semester hours
Correspondence or Extension Courses	15 semester hours

ACCELERATION MECHANISMS

(College Rule 6Hx23-4.28)

A variety of methods are available to students who wish to receive the associate degree in less than the usual two calendar years. The opportunities for time-shortened degrees at St. Petersburg College include the following:

I. **College-Level Examination Program (CLEP)**
The College participates in the selected subject examination program. Decision as to acceptability of subject examinations is made by Educational and Student Services, within the restrictions imposed by Paragraph 6A-14.031(1)(a), State Board of Education Regulations.

The acceptable examinations, minimum acceptable scores for each examination, the course(s) for which credit will be granted and the number of semester hours credit for each examination are published in the "College-Level Examination Program at St. Petersburg College" brochure by the Central Records' Office.

II. **Advanced Placement (AP)**
Advanced placement examinations are a special program of the College Entrance Examination Board offering special instruction to high school seniors. The examination must have been taken while the student was still enrolled in high school. Advanced placement credit is treated as transfer credit. Credit will be granted to students who achieve scores of 3, 4 or 5 on one or more of the Advanced Placement Program examinations. Such credits will be transferable to institutions of higher education within the State of Florida which participate in the State Advanced Placement Program.

III. **Correspondence and Extension Courses**
A maximum of 15 semester hours of correspondence and extension credit may be accepted, provided:
A. The course was administered by an accredited institution.
B. The credit is acceptable by the institution conducting the correspondence or extension course toward one of its degrees.

None of the final 15 semester hours toward graduation may be through correspondence.
Students expecting to transfer correspondence credit to another institution should become familiar with that institution's acceptance policy.

St. Petersburg College does not offer correspondence courses.

IV. **International Baccalaureate (IB)**
St. Petersburg College will grant college credit to a student who presents a score of 4, 5, or 6 on one or more of the International Baccalaureate examinations. Credit thus granted is transferable among Florida institutions of higher education participating in the statewide articulation agreement.

V. **Credit by Assessment of Prior Learning /Experiential Learning Program (ELP)**
Credit may be awarded under this area for learning in a discipline or program area(s) offered by College. The assessment of learning shall take place through means consistent with generally accepted techniques of measuring college level learning. The techniques may include written and oral examinations, portfolio evaluations, interview assessments and project or product evaluations. In addition, other methods of evaluation shall include use of ACE guidebooks, DANTES, the MOS Specialty Guide, the CAEL Guide and correlation of military training with college-level credit. Experiential Learning Program (ELP) replaces internal/challenge exams and other methods of evaluating and crediting prior learning. The discipline program directors, by college wide agreement, will determine which courses within the curriculum of the department may be eligible for assessment through experiential learning. The College limits the credit earned through the Experiential Learning Program for A.S., A.A.S. and Certificate programs to 50% of the major/core courses. If a student can demonstrate prior learning, the College will award credit for achievement rather than have the student repeat the learning sequence. Information concerning such assessments may be secured from the associate provost or the Experiential Learning Office on each campus.
A. When the student completes the assessment, the ELP Office will notify the student of the outcome. A grade of "P" will be recorded for the course if credit is awarded.
B. A student may not be registered for a course and be simultaneously evaluated for his/her prior learning of that course.

Pursuant to State Board of Education Rule 6A-14.054, matriculation and tuition fees shall not be charged for the assessment of prior learning or the awarding of credit based on prior learning, regardless of whether the prior learning was acquired through instruction provided by the College or through instruction or experience external to the College.

Students who are evaluated for the assessment of prior learning shall be charged a fee as prescribed in BOT Rule 6Hx23-5.17 Student Fees.

For information call the Career Development Centers at the Clearwater Campus, 791-2680; Seminole Campus, 394-6108; SPC Downtown, 893-9586; St. Petersburg/Gibbs Campus, 341-4640; or Tarpon Springs Center, 712-5761 or 938-3744.

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Three-Year Baccalaureate Program (Fast Track BA Program)

Students in Pinellas County may participate in a special joint program that will permit them to obtain their bachelor's degree within 3 years after graduation from high school. The Fast Track BA program, which offers an opportunity to specialize in many different majors, is a joint offering by the Pinellas County Schools, St. Petersburg College and the University of South Florida at St. Petersburg. Participants in the Three-Year Baccalaureate Program must participate in the Dual Credit, Early Admission, Advanced Placement or International Baccalaureate Programs offered through the Pinellas County School System. Read more about Dual Credit High School in the Admissions Requirements and Open Campus sections.

WEEKEND COLLEGE AND WEEKEND COMPUTER INSTITUTE

Clearwater Campus: (727) 791-2557/2473
Seminole Campus: (727) 545-6551
St. Petersburg/Gibbs Campus: (727) 341-4327/4724
Tarpon Springs Center: (727) 712-5750 or 938-3744

Weekend College provides opportunities for students to take academic courses for credit in many subject areas. These credit courses are scheduled to meet each Friday evening or each Saturday throughout Sessions I and II, thus providing an opportunity for persons who are busy during weekdays or evenings to work toward degree requirements at convenient times.

Weekend Computer Institute allows for concentrated, intensive periods of study over two Saturdays.

EVENING PROGRAM

The college offers an extensive evening program, which includes many of the credit courses, offered in the daytime, as well as noncredit courses for adults and special community organizations and businesses.

The availability of credit courses in the evening allows working students to coordinate their school activities with employment. Students may enroll for both evening and daytime classes.

In some programs it is possible to complete all requirements for graduation by attending evening classes only.

ELIGIBILITY FOR INTERCOLLEGIATE ATHLETICS

(College Policy 6Hx23-4.18)

Eligibility for participation in intercollegiate athletics is in accordance with requirements determined by the National Junior College Athletic Association and the Florida Community College Activities Association. An athlete must be enrolled as a full time student (12 semester hours) to participate. A new student with no other college experience must pass at least 12 credit hours in the first term with a 1.75 GPA. All other continuing eligibility is based upon the completion of a minimum of 12 credit hours per term with a 2.0 grade point average (GPA). To be eligible for a second season of participation, a student must also have accumulated a minimum of 24 semester hours with at least a 2.0 GPA. Transfer students from Community Colleges must meet transfer regulations within the NJCAA and FCCAA guidelines. Transfers from 4-year schools are eligible if they adhere to the academic requirements listed above.

In addition to these requirements, a student shall not be eligible to participate in a particular sport if the student has previously competed for 2 seasons in that sport at the collegiate level. For additional details regarding eligibility, contact the College's Director of Athletics, (727) 341-4642.

STUDENT HANDBOOK

The College publishes a Student Handbook, which should be consulted by each student. The Student Handbook has information regarding student rights and responsibilities, the College's policies on substance abuse, sexual assault, sexual misconduct and sexual harassment, as well as other important information that the student should review carefully. A copy of the Student Handbook may be obtained from the Counseling Center at each site.

In the fall of each year the College publishes information in compliance with the Student Right-to-Know Act which includes graduation and placement rates and information regarding campus security and crime. Should you not receive the Supplement to the Faculty, Staff and Student Handbooks, please obtain a copy from the Counseling Center at your campus or center.

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STUDENT SERVICES

A complete program of student services is offered at St. Petersburg College and is designed to complement the instructional program of the College and to aid the student in his/her individual personal, academic and career development. Student Services includes counseling and advisement, testing, career planning, placement testing, financial aid, veterans assistance, social and cultural activities and athletics.

COUNSELING, ADVISEMENT AND CAREER PLANNING

Full-time professional counselors are available to assist students in the decision-making process regarding career and academic planning and personal choices. Academic Advisors in the Counseling Offices can assist students in choosing appropriate coursework to achieve their academic and career goals. Counseling services are provided to anyone interested in programs at St. Petersburg College.

Students are encouraged to use a variety of career exploration opportunities available through the Counseling Offices, College libraries, Career Development Centers and Career and Life Planning courses. The Career Development Centers offer an excellent computerized approach to career exploration. In addition, the career research materials, available in hard copy and through the Internet, contain information on qualifications needed for careers including the educational preparation required for employment, salaries, advancement possibilities, institutions offering specialized training for varied careers, catalogs from colleges and technical schools and career descriptions. Individual career counseling by counselors and the College-wide Coordinator of the Career Development Center is also available. The Career Exploration Program, a six to eight hour process includes career orientation, testing and interpretation with follow-up available through the Counseling and Career Development Center departments. This program is available to students, staff and the public. The fee for career assessment testing is $25.00 for SPC students and $35.00 for non-students.

THE CAREER DEVELOPMENT CENTERS

Clearwater Campus: (727) 791-2680
Seminole Campus: (727) 394-6108
St. Petersburg/Gibbs Campus: (727) 341-4640
SPC Downtown Center: (727) 341-4247
Tarpon Springs Center: (727) 712-5761

The College's Career Development Centers offer a variety of career-related services. The Centers are open to students, alumni and members of the community. Hours may vary from campus to campus. The **career resources** area features a comprehensive career-related selection of material. Information in hard copy and through the Internet is offered on salaries, labor market survey information, college catalogs and college/university transfer manuals. In addition, career-related videos and computerized career assessment programs are available by appointment and you may also visit our website at www.spcollege.edu/central/career for more information.

The **Career Exploration Program** is coordinated through the Centers and offers a three-step process to help individuals determine career goals. This process includes career orientation, testing and interpretation. The program is fee based and by appointment. CHOICES and SIGI are now internet-based career assessment programs available free of charge at www.FACTS.org.

Job Services is provided, as a service to those seeking employment, with listings of part and full-time local and national job opportunities. The Centers schedule on-campus interviews and recruiting by employers. PlacePro, a placement-related software program, allows students to place their resumes on the Internet and review job postings submitted by employers. A resume service is available on a fee basis, $10.00 for SPC students and $20 for non-students.

Cooperative Education (Practical Training):

A. Is a planned method of instruction, which provides students with degree-related, supervised, evaluated practical training work experiences. The work experience must be applicable to the desired Bachelor of Applied Science, Associate in Arts, Associate in Science or Associate in Applied Science degree in order to obtain college credit.
B. Co-op students work in full or part-time jobs related to their major field of study. To participate, students must have completed 12 credit hours and have a 2.0 GPA. The Career Development Centers assist students seeking cooperative education employment. In some cases, students, with the aid of their employer, may be able to use their current career-related position for Cooperative Education.
C. Advantages to the student include opportunities to earn academic credit, verify their career decisions and relate classroom learning to the work place.

The Experiential Learning Program allows students to receive degree-related credit for knowledge they have gained through experiences outside the college. Up to 45 credit hours may be earned, assisting students in completion of their degree. See Experiential Learning in ACADEMIC INFORMATION.

STUDENT RECORDS

(College Rule 6Hx23-4.37)

I. The purpose of this Rule is to protect the rights of students and their parents or guardians with respect to student records created, maintained and used by the College.

II. **Definitions:**

A. "**Records"** means any and all official records, files and data directly related to students which are created, maintained and used by the College, including all material that is incorporated into each student's permanent record and intended for College use or to be available to parties outside the College for legitimate educational or research purposes. However, the term "records" shall not include Directory Information.
B. By law, the College is authorized to **release directory information without the student's consent**. "Directory Information" shall include:
   1. Names and dates of attendance of students.
   2. Names of recipients of degrees conferred or to be conferred.
   3. Names of recipients of honors or special awards.
   4. Weight and height of athletic team members.
   5. Student addresses for use by the College's Foundation and Alumni Association upon review by the President's Cabinet and the approval of the President.
   6. Student addresses, of students who have applied for graduation, may be provided to Florida public universities and independent colleges and universities of Florida.

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7. Student addresses upon the request of a local, State or Federal law enforcement agency.
8. See IV.C.6 for additional information related to armed forces.

III. **Student's Request for Non Release of Directory Information**

A student may request in writing that all or a portion of such directory information not be released. Such requests must be made prior to the end of the 3rd week after the beginning of classes for any session and shall be effective for 1 academic year and shall become a part of the student's records. Said written request should be made to student's campus associate provost or designee.

IV. **Rights of Students, Parents and Guardians**

The rights involved in student records (e.g., right of access and right of privacy) are normally the rights of the student only. If the parent or guardian of the student meets the support test of Section 152 of the Internal Revenue Code and claims the student as a dependent, the parent or guardian will also have these rights.

When a parent or guardian seeks access to student records and claims that a student is a dependent and is unable to obtain the student's voluntary consent to the release of the records, the parent or guardian must establish dependency by providing a copy of the most recent federal income tax return, which return must show that the student is claimed as a dependent. Upon receipt of the tax return, the associate provost or designee will notify the student of the student's right to contest the dependency issue within 10-calendar days. In the absence of a contest by the student the records may be released to the parent or guardian.

In the event of a contested issue of the dependency, the associate provost or designee will make a decision and such decision may be appealed to the President.

A. **Right of Access**
   1. A student has the right, upon request directed to the College Registrar, to be provided with a list of the types of records, directly relating to the student, maintained by the College and with a copy of this Rule.
   2. A student has the right, upon request, to be shown any record relating to the student maintained by the College. The student' s request shall be granted within 30 days after receipt of such request.

B. **Right to Challenge and Hearing**

   A student has the right to challenge the content of any report to which the student is granted access under this Rule, in order to insure that the record is not inaccurate, misleading or otherwise in violation of the privacy or other rights of the student and to provide an opportunity for the correction of inappropriate information.
   1. Any challenge to a student record shall be considered a student grievance and shall be handled in accordance with Board of Trustees' Rule 6Hx23-4.36.
   2. A student who feels that the decision rendered through the grievance resolution is unacceptable, may submit explanatory statements for inclusion in the student's records.

C. **Right of Privacy**
   1. A student has right of privacy with respect to the records maintained by the College on the student. The College shall not permit the release of personally identifiable records of a student, other than directory information, without the written consent of the student, to any individual, agency or organization, except the following:
      a. Officials of other educational institutions in which the student seeks to enroll.
      b. In connection with a student's application for, or receipt of, financial aid.
      c. Accrediting organizations, in order to carry out their accrediting functions.
      d. Individuals or organizations conducting studies for the College for the purpose of developing, validating or administering predictive tests, administering student aid programs or improving instruction, if such studies do not permit the personal identification of students and if such information is destroyed after its use.
      e. In an emergency, if necessary to protect the health or safety of the student or other persons.
      f. In compliance with a judicial order from a court of competent jurisdiction or to the attorney of record pursuant to a lawfully issued subpoena, upon the condition that notification is sent to the student's last known address of the order or subpoena in advance of compliance therewith.
      g. The State Auditor General in connection with his/her official functions.
      h. Other federal, state and local government officials as required by law.
   2. All requests for release of information from the records of a student shall be incorporated into the student' s records.
   3. All information transferred to a third party under a-h above will bear the following statement:
      "The attached information has been forwarded to you with the understanding that it will not be released to other parties. The Family Educational Rights and Privacy Act (FERPA) of 1974 prohibits release of this information without the student's written consent. Please return this material to us if you are unable to comply with this condition of release."
   4. College employees shall have access to all student records for legitimate education purposes.
   5. Directory information may be released to the general public, upon request, unless a student has requested in writing that such information not be released. Any such request must be made prior to the end of the 3rd week after the beginning of classes for any session, shall be effective for 1 academic year and shall become a part of the student's records
   6. In addition to directory information, the United States armed forces may be furnished with the dates and places of birth, addresses, telephone listings, levels of education, prior military experience, major fields of study, most previous educational institution enrollment, and degrees and awards of students and former students.

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STUDENT ACTIVITIES

Bulletin Boards

(College Procedure P6Hx23-4.910)

Bulletin boards for student use are located in all major campus buildings. Approval must be obtained for each notice posted on the bulletin boards. This approval is obtained in the Student Activities Office**.** Any notice posted without approval will be removed.

Clubs and Student Organizations

Scholastic, special interest, service, social and religious clubs and organizations are active on the Clearwater, Seminole and St. Petersburg/Gibbs Campuses, and the Tarpon Springs and Health Education Centers. Students interested in affiliating should contact the Coordinator of Student Activities on their home campus.

Intramural and Recreational Activities

The College provides friendly organized competition for men and women in co-recreational tournaments. The Coordinator of Intramurals together with the Student Activities Coordinators schedules events in touch football, basketball, bowling, table tennis, tennis, volleyball, running/jogging and outdoor soccer. A student lounge is also provided for students at some campuses. Exercise equipment and aerobics rooms are accessible to students after classes Monday through Friday.

Lost and Found

(College Procedure P6Hx23-5.1311)

Lost and Found is located in the Student Activities office on all sites and shall operate during the hours of 8:00 AM to 4:00 PM Monday through Thursday and 8:00 AM to 2:00 PM on Friday. All items placed in Lost and Found shall be retained for a period of not less than 30 days and not more than 60 days.

Parking and Vehicle Control

(College Procedure and Rule P6Hx23-1.25 & 6Hx23-4.34)

I. **Students Parking**

Students will park in parking lots labeled by signs marked "Student Parking Only", which have parking areas designated by white stripes. Students riding motorcycles or bicycles will use roadways and not sidewalks. Parking space for motorcycles and bicycles are available on each campus. Students are not authorized to park in faculty lots at any time, or in the visitors' lot Monday through Friday between 7 a.m. and 4:30 p.m. Parking along curbs, on the grass, sidewalks, loading docks, or ramps, areas other than marked spaces and in areas specifically designated and/or barricaded is not authorized.

Students found in violation of parking and driving regulations will be fined. The rate of fines is standard and available in the Student Activities office on campus.

All SPC Downtown students who utilize the Florida International Museum parking garage are required to purchase a parking decal. Parking decals can be purchased at the SPC Downtown Center.

II. **Visitors Parking**

Green and blue stripes denote visitors parking areas. Faculty, staff and students are not allowed to park in the visitors' lot before 4 p.m.

III. **Vehicle Control**

Vehicles illegally parked may be ticketed or towed away at the owner's expense. Student violators of parking control are subject to fines governed by the Board of Trustees.

Accidents, thefts or other incidents occurring on college property or at an off-campus college course or sponsored event should be reported to the campus security or the off-campus site office and the police or sheriff in accordance with the law.

If any vehicle is to be left overnight on campus for any reason, campus security at 791-2560 should be notified immediately. The College assumes no responsibility or liability for theft or damages occurring to vehicles or other personal property while on college property or while attending off-campus college courses or activities.

Religious Organizations

Students belonging to various faiths are organized in groups, which meet periodically at the College. At present, these include Intervarsity Christian Fellowship Club, Campus Crusade for Christ and Aletheia. These organizations sponsor worthwhile projects on campus and offer opportunity for positive religious influence.

Scholastic and Special Interest Clubs

Scholastic clubs represent supplementary activities in various departments and recognize scholastic achievements in some areas. These include Phi Theta Kappa, scholastic honorary, the Association of Honors Program Students and Tau Alpha Pi, scholastic engineering technology honorary. There are several clubs dealing with special interests such as the Astronomy Club; Alpha Omega, a science club; American Sign Language; Badeya; Bowling Club; Co-Motion Dance Theatre Club; Computer Club; Deaf Club; Ethics Club; Florida Future Educators; High Achievers; International Club; Math and Sciences Club; Phi Rho Pi, a speech and forensics club; Positive Directions; Psychology; Scuba Club; Students Without Boundaries; Theatre Performance Company; and Writers' Collective.

Service Clubs

Service clubs consist of students organized for the purpose of carrying out projects on campus and in the community, as well as for good fellowship among themselves. These are sponsored by or affiliated with local or national organizations. Check with your campus Coordinator of Student Activities for the full list of service clubs.

Social Clubs

The social clubs of the College are not secret fraternities and sororities, but serve to complement the social life of the student body and to build college spirit. Each club strives to maintain the highest rating in interclub contests, social events, college spirit, moral character and scholastic standing. Check with your campus Coordinator of Student Activities for the full list of social clubs.

Student Ambassadors

Student Ambassadors serve as both internal and external marketing representatives for St. Petersburg College. The Ambassadors are instrumental in recruiting new students by sharing their own personal testimonials of college life when they speak to young people during high school assembly programs. Ambassadors also help promote the college by hosting table displays in malls and assisting with campus tours for students interested in coming to SPC.

Student Government Association (SGA)

The Student Government Associations (Clearwater, Seminole, St. Petersburg/Gibbs, Tarpon Springs and Health Education Center) are recognized as the official student governing organizations representing the student body of St. Petersburg College. They are the liaison between the student body and the college administration. These organizations provide for participation in college governance and also receive all petitions for

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grievances, complaints, requests and recommendations reflecting the opinion of the student body.

Student Publications

Five newsletters, the Campus Crier (St. Petersburg/Gibbs Campus), Grapevine (Clearwater Campus), View From the Hill (Tarpon Springs Center), Vital Signs (Health Education Center) and Bayside Briefs (SPC Downtown Center) are available for students' information.

Volunteer Connection

The Volunteer Connection, at the Clearwater Campus, was started in 1994 by students who were interested in constructing an organized alliance with other volunteer agencies around the state of Florida. It is a student implemented and managed office that believes, students have a vital role to play in meeting Florida's social challenges. It has proven itself a vital asset to the citizens of Pinellas County by demonstrating hope and concern through a variety of endeavors aimed at enriching and solidifying a "connected" society. The Volunteer Connection has incorporated academic participation into its framework through the development of Service Learning. Service Learning, a method and philosophy of experiential learning through which participants in community service meet community needs while developing their abilities in critical thinking and group problem solving, their commitments and values, and the skills needed for effective citizenship. Check with the Clearwater Campus Student Activities Coordinator for more information.

Intercollegiate Athletics

Intercollegiate athletes are provided excellent opportunities to participate in an intercollegiate athletic experience of the highest quality with the result that their athletics experience becomes an integral and valued component of their total educational experience at the College.

The College provides planned, organized competition for both men and women students.

Men's varsity teams are: basketball and baseball.

Women's varsity teams are: basketball, softball and volleyball.

Student Cheerleaders are also a major part of the Intercollegiate Athletics at St. Petersburg College.

Currently there are 92 scholar athletes participating in these sports. Athletic participation includes students who have athletic scholarships that include tuition, room and board to the student who has a chance to make our teams by walking on. All of SPC athletic teams have participated for state or national championships.

Students who are interested in participating in St. Petersburg College athletics should contact the Athletic Department at 727-341-4642 or inquire about us at www.spcollege.edu/athletics.

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SPECIALIZED ACADEMIC PROGRAMS AND SERVICES

ENGLISH AS A SECOND LANGUAGE (ESL)

Clearwater Campus: (727) 791-2425/2609
St. Petersburg/Gibbs Campus: (727) 341-4743/4370
Tarpon Springs Center: (727) 712-5828

The English as a Second Language (ESL) program offers a series of English courses to meet the needs of non-native English speakers.

The ESL program is designed for those students who are interested in learning to read, write, speak, listen and understand the English language in order to work toward the Associate in Arts, Associate in Science or the Associate in Applied Science degree or College Credit Certificate programs to progress toward a higher degree or enter the workforce.

Entering students will be tested with a placement test for ESL and placed in the appropriate level of study indicated by their scores: Basic I, Basic II, Intermediate, Advanced I, or Advanced II. Students enrolled in 12 credit hours of EAP will be considered full-time students.

The placement test for English is administered at St. Petersburg College on a regular basis.

The following courses comprise the ESL program:

EAP 0200	Basic Listening/Speaking	3 credits
EAP 0300	Intermediate Listening/Speaking I	3 credits
EAP 0400	Intermediate Listening/Speaking II	3 credits
EAP 0295	Basic English as a Second Language I	9 credits
EAP 0395	Basic English as a Second Language II	9 credits
EAP 0495	Intermediate English as a Second Language	9 credits
EAP 1500*	Advanced Listening/Speaking	3 credits
EAP 1595	Advanced English as a Second Language I	9 credits
EAP 1695*	Advanced English as a Second Language II	9 credits
EAP 1696L	ESL Laboratory	1 credit

* EAP 1500 and EAP 1695 are the only courses to be used toward graduation credit.

INTERNATIONAL CENTERS

Clearwater Campus: (727) 791-2632
St. Petersburg/Gibbs Campus: (727) 341-4370
Tarpon Springs Center: (727) 712-5806
www.spcollege.edu/webcentral/resource/intlcntr.htm

The International Centers at the Clearwater and St. Petersburg/Gibbs Campuses and Tarpon Springs Center offer information, guidance and support to International students during the transition period from their countries to the United States. International Student Officers at each center facilitate the admissions process to the College by assisting students with their compliance with the Bureau of Citizenship & Immigration Services (BCIS) rules and regulations and health insurance requirements. First-time students receive orientation to the College and life in the United States. All international students are encouraged to join the International Club on their home campus or center. Currently enrolled international students receive follow-up orientation and guidance from the International Student Officers ensuring that the students stay in status. All international students receive information about the English as a Second Language program as well as certificate and degree programs offered by the College.

The International Centers also assist the College and community in understanding the international population and the economic and cultural benefits derived from a diversified population.

NEW INITIATIVE PROGRAM (NIP)

(727) 341-3724

The New Initiative Program (NIP) is a federally funded program designed to provide academic assistance to Associate in Science or certificate seeking health or pre-health students. NIP is provided as a service of SPC at the Health Education Center. Students may self-refer or be referred to the program by College staff. Students may receive assistance in such areas as math, science, health courses, test taking strategies, time management and general study skills based upon need and resources available. NIP learning coordinators are available by appointment for individual or small group tutoring sessions. Review sessions in specific content areas are offered on a regular basis. The Learning Support Center at the Health Education Center is sponsored by NIP and provides a hands-on learning environment for all students.

ONE-STOP CENTER OUTREACH SPECIALISTS

(727) 341-3198

Pinellas County's regional workforce board has three primary One-Stop centers positioned to assist in the development of Pinellas County's local workforce. Individuals who are unemployed or underemployed are eligible for special programs and funding to help develop careers through additional training at educational sites such as St. Petersburg College. Gainfully employed individuals may also benefit from labor market services provided through the One-Stop Centers, as can local businesses that utilize the centers' job screening and placement services.

St. Petersburg College provides a vast array of training to individuals who utilize services and training through the county's One-Stop Centers. St. Petersburg College's One-Stop Outreach Specialists are the school's liaisons to students and the outside agencies that make career development a possibility for the local workforce. The objective of each Outreach Specialist is to assist students during the educational experience and to coordinate activities between the school, the student, outside agencies, and businesses in promotion of career development through St. Petersburg College educational programs.

Contact a SPC Outreach Specialist for on-campus assistance or additional information about the Pinellas County One-Stop Center locations and services.

OFFICE OF SERVICES FOR STUDENTS WITH DISABILITIES

Clearwater Campus: (727) 791-2628 (V/TDD)
Seminole Campus: (727) 394-6182
St. Petersburg/Gibbs Campus: (727) 341-4758
Tarpon Springs Center: (727) 712-5789

The mission of Office of Services for Students with Disabilities (OSSD) is to ensure accessibility through the provision of comprehensive quality support service, in-service training and innovation in educational programming for students who have qualifying documented disabilities that affect academic performance. Reasonable accommodations are provided for students

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with a qualifying documented disability, both in the classroom and during college-sponsored campus activities and programs. These services may include, on a case-by-case basis:

- Adaptive classroom furniture
- Adaptive electronic equipment and software
- Assistive listening devices
- Certified/qualified sign language interpreters
- College preparatory courses taught by a Deaf Education Specialist
- Individualized tutoring in selected general education courses (offered on a limited basis as a courtesy)
- Modification of time or location
- Notetakers
- Scribes
- Specialized Academic Advising
- Taped tests or test readers
- Telecommunications devices (TTYs) and amplified phones
- Test and classroom assistants

Specialized group New Student Orientations may also be offered prior to the start of each fall session. Incoming students will receive individual information about any such meeting.

RESERVE OFFICER TRAINING CORPS (ROTC)

The Department of Military Science for the Army Reserve Officers Training Corps (ROTC) was established to select and prepare students to serve as officers in the Regular and Reserve components in the United States Army. The curriculum is designed to develop students' leadership potential as well as improve students planning, organizational and managerial skills. Army ROTC training is divided into two phases: the first two years constitute the Basic Course; the last two the Advanced Course. The Department offers a four and two year scholarship program, both leading to a commission as a second lieutenant in the United States Army.

Air Force Reserve Officers Training Corps (AFROTC) is offered as either a two-or four-year program. A student who completes the Air Force ROTC program will receive an Air Force commission as a second lieutenant and is guaranteed a position in the active Air Force. AFROTC 4, 3 and 2-year scholarships are available for eligible applicants. These scholarships pay all tuition, fees and books and a monthly tax-free stipend.

Reserve Officer Training Corps (ROTC) is available through dual enrollment at the University of South Florida. Students who are interested should see a counselor or advisor for further information.

WOMEN-ON-THE-WAY CHALLENGE CENTER

(727) 791-2634

The Women-on-the-Way Challenge Center is designed to meet the educational and emotional needs of men and women entering or re-entering college after a period of absence from an educational setting. A variety of supportive services are offered to help meet short-term as well as life-long goals. Services available include a clearinghouse for campus and community resources concerning career planning, financial assistance, scholarships, housing, child-care information, individual and group support sessions and the WOW mentor program. Special seminars and lectures on topics are offered. Students also may participate in a college chartered special interest club, the Positive Directions Association. A lounge is available as a place to study and relax. The lounge and program office is located in the Social Sciences Building, Room 210, Clearwater Campus.

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HONORS COLLEGE

EXTREME EDUCATION

Honors College Administrative Structure
Robert Ramsay, Ed.D., Director, (727) 712-5702
Nadia Yevstigneyeva, M.D., Assistant Director (727) 712-5247
Carol Copenhaver, Ph.D., Senior Vice-President,
Educational & Student Services, (727) 341-3156
Thomas Furlong, Ph.D., Senior Vice-President,
Baccalaureate Programs & University Partnerships, (727) 712-5272

Honors College Campus Coordinators:
Martha Campbell, Ph.D., TS (727) 712-5795
Evelyn Finklea, SPG,(727) 341-4369
Ben Wiley, CLW, (727) 791-2694
Patricia Matchette, SE, (727) 394-6171
Lynda Womer,SE,(727) 394-6116
Tina O'Daniels, TS, (727) 712-5888

Fax: (727) 712-5834

We are very proud to announce the establishment of the SPC Honors College. It is a new division of St. Petersburg College that provides a unique opportunity for greater intellectual depth and personal growth for our students. The SPC Board of Trustees approved the mission, structure and main objectives of the Honors College in January 2004. The first Honors College enrollment begins in June 2004. Please check the SPC Web site for further information http://www.spcollege.edu.

We are inviting academically outstanding, intellectual, highly motivated students to attend the Honors College.

The Honors College is an intellectual learning community encompassing honors students, student honorary groups, honors courses, honors programs, interdisciplinary honors courses, seminars, colloquia, independent study, undergraduate research opportunities, international study abroad programs, graduation recognition events, honors cords, honors scholarships and many other attributes and challenging activities.

HONORS COLLEGE MISSION

The mission of The Honors College is to provide an exemplary education and build an intellectual community that encourages creativity, deeper understanding, leadership qualities, and critical thinking skills for our most talented and motivated students. We will achieve this by developing unique educational opportunities and activities to challenge and enhance academic depth and personal growth through:

Excellent, highly developed, and enriched honors courses and programs, honors curricula, honors seminars and symposia.

- Outstanding faculty to teach Honors courses
- Assistance with applying for scholarships to college and postgraduate schools
- Transfer opportunities to selective, nationally renowned colleges and universities
- An outstanding learning environment, facilities and special services.
- A variety of leadership and service-learning opportunities and varied cultural and social activities

We are analyzing the practices of other in-state and out-of-state honors colleges in order to create the strongest infrastructure for the SPC program. We are a member of the national, regional and state collegiate honors associations and Florida/ Campus Compact (service learning and civic engagement through campus – community partnership). We plan to offer the greatest honors opportunities for our future students.

HONORS COLLEGE BENEFITS FOR STUDENTS

- Enrichment of college studies with specially designed courses and challenging curriculum open only to honors students
- Priority Registration: early and easy registration and honors advisement services (by appointment)
- Small classes (average class size is 15-18)
- Opportunity to apply and receive SPC and national scholarships
- Designation of each honors course on the student's transcript
- Ability to earn Honors Diploma, Honors Certificate, medals and awards
- Special arrangements for transferring to universities and colleges, with opportunities for scholarships. International study abroad opportunities
- Proposed honors facilities
- Variety of extra-curricular activities such as symposiums, seminars, field trips, etc
- Faculty mentoring and research opportunities, along with internship opportunities

TYPES OF HONORS COURSES TO BE OFFERED IN THE 2004-2005 ACADEMIC YEAR

- Honors courses – introductory and intermediate courses in the Honors Core Curriculum, along with elective honors courses
- Interdisciplinary studies program
- International study abroad courses
- Honors courses online
- Special-topic honors courses
- Independent study opportunities
- Undergraduate research opportunities
- Regular courses with Honors component

CURRENT HONORS OFFERINGS

- ECO 2013H Honors Principles of Macroeconomics
- ECO 2023H Honors Principles of Microeconomics
- ENC 1121H Honors Composition I
- ENC 1122H Honors Composition II
- HUM 2210H Honors Western Humanities I (Ancient through Renaissance)
- HUM 2233H Honors Western Humanities II (Baroque to the present)
- HUM 2270H Honors Humanities (East-West Synthesis)
- INR 2002H Honors International Relations
- PHI 1602H Honors Studies in Applied Ethics
- POS 2050H Honors American Government
- SPC 1600H Honors Introduction to Speech Communication
- SPN 1122H Honors Elementary Spanish I
- SPN 1123H Honors Elementary Spanish II

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HONORS INTERDISCIPLINARY STUDIES PROGRAM CLEARWATER CAMPUS

IDS covers 27 hours of SPC general education credits:

- IDS 1101H: ENC 1101 (Composition I), HUM 2210 (Western Humanities I), EUH 1000 (Western Civilization I)
- IDS 1102H: ENC 1102 (Composition II), HUM 2230 (Western Humanities II), SPC 1600 (Introduction to Speech Communication)
- IDS 2103H: POS 2042 (American Government), PHI 1600 (Studies in Applied Ethics), LIT 2120 (World Lit II-elective)

SPECIAL ACADEMIC OPPORTUNITIES – INTERNATIONAL STUDY ABROAD COURSES

The Honors College will offer study abroad programs with honors course opportunities in Great Britain, France, Germany, Spain, Russia, and Costa Rica.

- May and July Arts Program in Europe
- History and Art of Spain
- Russian Arts and Ideas Program
- Summer Study Program in Costa Rica
- Summer Study Program at Cambridge University
- Future Programs: Italy, Ecuador, Mexico

Mathematics and natural science honors courses will be added to the Honors College program in the future along with other new honors courses in communications, humanities and fine arts, and social and behavioral sciences.

Admission requirements for high school students into the Honors College include a high grade point average, and high scores on standardized tests and a written essay.

SPC students and transfer students should see the Honors College advisor for admission requirements.

Students who successfully complete Honors College requirements will be listed separately in commencement programs, acknowledged during the graduation ceremony and awarded either an Honors Diploma or an Honors Certificate.

Our Honors College emphasizes the honors educational process by offering opportunities for students to participate in regional, national and state conferences, honors seminars, international programs, community service, and other forms of experiential education.

The Honors College will have articulation agreements through which graduates who earn an honors associate's degree from SPC will be accepted into four-year honors programs when they meet previously agreed-upon requirements.

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OFFICE OF SPECIAL PROGRAMS

St. Petersburg College wants students to be academically successful. That's why the Office of Special Programs offers a variety of programs geared toward students in middle school through college.

The Office of Special Programs is designed to:

- increase student's and parents' awareness of the importance of a college education;
- increase the number of underrepresented students who graduate from high school and enroll at SPC;
- enhance students' access to college by increasing the "college readiness" of high school graduates;
- increase the number of underrepresented students who graduate with a degree and/or complete academic programs;
- reduce the number of students who leave college before realizing their educational goals.

BRIDGING EDUCATION & CAREERS (BEC)

(727) 341-3546/3542

SPC, WorkNet and Pinellas County Schools have partnered for the Bridging Education & Careers program, designed to help high school students prepare for postsecondary education and to develop job readiness skills.

Through this program, students obtain:

- Academic support.
- Computerized academic/pre-employment training.
- Citizenship activities (such as volunteer programs at school, church and other venues).
- Job-shadowing (following a professional around on the job).
- Leadership activities (serving in one of their school's clubs).

To get involved with the Bridging Education and Careers program, you must meet one of the following criteria:

- Determined to be in academic need upon assessment by BEC staff.
- Meet financial and other criteria guidelines as established by the Workforce Investment Act (WIA).
- Be a first-generation student (first in family to earn a bachelor's degree).

The BEC program is located at the following Pinellas County high schools: Boca Ciega–Clearwater–Dixie Hollins–Dunedin–Gibbs–Lakewood–Osceola–Tarpon Springs.

BROTHER TO BROTHER (B2B)

(727) 791-2658 Clearwater Campus
(727) 341-3529/4372 St. Petersburg/Gibbs Campus

The Brother-to-Brother Program (B2B) is geared toward African-American men to provide a variety of academic and support services and activities designed to increase the retention and graduation rates of African-American men at St. Petersburg College.

In addition, students in this program mentor young African-American men in area middle and high schools.

Services offered through B2B include:

- early registration and academic advising
- free tutoring
- early academic alerts
- career planning
- visits to four-year colleges/universities
- use of a textbook lending library
- one-on-one interaction with a member of the B2B staff
- group discussions or activities that directly affect African-American men.

CENTERS OF EXCELLENCE (COE)

(727) 341-3537/3542

The Centers of Excellence (COE) use group achievement strategies to increase the pool of African-American and other historically underrepresented students who are prepared, motivated and qualified to enter higher education.

Centers of Excellence includes three components:

- **National Achievers Society** – identifies and acknowledges high-achieving African-American students. A student eligible for membership in this society can be in any grade, but must make at least two A's and no C's – unless the C is earned in an advanced or honors course.
- **Black History and Culture Brain Bowl** – educates African-American youth about the role and contributions of African-American and other minorities in the United States through participation in local, regional and state academic competition.
- **Academic Enrichment Centers** – provide after-school tutoring sites around the community to supplement student learning experiences.

Services offered through COE include:

- trips to area colleges/universities and cultural activities
- SAT/ACT practice sessions
- workshops/seminars on study skills, time management and conflict resolution
- excursions to academic, cultural and personal enrichment activities.

COLLEGE REACH-OUT PROGRAM (CROP)

(727) 341-4376/4716

CROP was established in 1983 and funded through the Florida Department of Education. This program is designed to motivate and prepare public school students to achieve higher education in a post secondary institution. To participate in the College Reach-Out Program, the students must meet the necessary academic and economic criteria.

Currently, the program is targeted toward financially and academically challenged students in sixth through twelfth grade.

This program provides encouragement for students that may not otherwise attend college. The goal is to prepare for postsecondary and boost (CROP students) in furthering their academic career via the College Reach-Out Program.

STUDENT SUPPORT SERVICES (SSS) PROGRAM

Clearwater Campus: (727) 791-2590
St. Petersburg/Gibbs Campus: (727) 341-3526
www.spcollege.edu/webcentral/resource/sss.htm

Student Support Services is designed to increase student motivation and improve student retention and academic success — ultimately increasing both graduation rate and transfers to four-year colleges or universities

To qualify for this program, a student must be:

- a citizen of the United States or a permanent resident;
- accepted for enrollment or currently enrolled at SPC;
- in need of academic support as determined by test scores; and

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- belong to one of the following groups:
  a. neither parent has earned a bachelors degree
  b. financially limited according to federal criteria
  c. experiencing a disability (verification is required).

SSS enhances students' academic skills by helping them use college resources more effectively and by providing and finding services that support their academic, social and emotional needs.

Services offered through SSS include:

- courses in math, reading, science and college success skills;
- professional and peer mentoring;
- tutoring in most subject areas;
- diagnostic math and reading evaluation;
- advocacy and personal support;
- services for students with disabilities;
- early registration and academic advisement; and
- High Achiever's Club for students in the program who maintain at least a 3.0 cumulative GPA and are active in campus and community service activities.

SSS also networks closely with other college programs on and off campus that promote the success of students who are eligible for these services.

Boca Ciega–Clearwater–Dunedin–Gibbs–Northeast–Osceola–St.Petersburg–Tarpon Springs.

SUMMER OF SUCCESS (SOS)

Clearwater Campus: (727) 791-2590
St. Petersburg/Gibbs Campus: (727) 341-3576

SOS is a scholarship program designed to encourage recent high school graduates to pursue a college degree. Participating students get an introduction to the college experience and a better understanding of the effort and strategies necessary to make a successful transition from high school to college.

Students in the program take three courses that are six-weeks long, along with seminars on math and reading/writing readiness. By the end of this program, students will have earned three college credits — for free.

SOS also includes:

- assistance with scholarships and financial aid;
- early registration for SPC classes;
- career-oriented speakers.

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STUDENT'S RIGHTS AND RESPONSIBILITIES

All students are expected to be aware of rules, regulations and other information provided in this Catalog and the Student Handbook. **The Board of Trustees of St. Petersburg College reserves the right to change the curriculum, calendar, student fees and policies and procedures during the academic year.** Changes and rules will be effective on the date designated by the Board of Trustees or the President.

DISCRIMINATION

(College Rule 6Hx23-4.01 IV)

It is the policy of the College to provide equal access to and equal opportunity within all College programs and activities including admissions, without regard to race, color, religion, martial status, national origin, sex, age, or disability. It is also the responsibility of the College to establish policies which identify and examine qualitative measures of College climate, support services, and extra-curricular services in an effort to clearly identify students with reasonable potential for success.

A. The College recognizes that sexual harassment constitutes discrimination on the basis of sex and violates this Rule and the College shall not tolerate such conduct. Also see Board of Trustees Rule 6Hx23-2.011.
B. The College will not discriminate in any services program or activity against any qualified individual with a disability. The term "qualified individual with disability" means an individual with a disability who, with or without reasonable modifications to Rules, policies or practices, the removal of architectural, communication and transportation barriers or the provision for auxiliary aids and services meets the essential eligibility requirements for the receipt of services or the participation in programs or activities provided by the College. except when undue hardship exists or where accommodation would result in a fundamental alteration of a program(s), the College shall endeavor to provide accommodation for such services, programs and activities to any qualified individual with a disability in accordance with the Americans With Disabilities Act of 1990, Sections 504 and 505 and the Rehabilitation Act of 1973 and related regulations.
    1. College Rules, Procedures, requirements and practices may be modified or waived when necessary and appropriate to meet the requirements of paragraph B. above.
    2. The College shall develop a procedure and/or guidelines for a qualified student with a disability who requests reasonable accommodation.
    3. Disabled students who are not satisfied with the accommodations made hereunder may pursue a grievance in accordance with Board of Trustees' Rule and Procedure 6Hx23-1.34.
C. Discrimination grievances shall be processed in accordance with Board of Trustees' Rule 6Hx23-1.34.

The equal access-equal opportunity officer can be reached at (727) 341-3257 or (727) 341-3261.

Sexual harassment is considered to be a violation of this Rule and Board of Trustees Rule 6Hx23-2.011.

RELIGIOUS ACCOMMODATIONS

(College Rule 6Hx23-4.01 V)

A. College employees shall recognize that Florida law requires the College to reasonably accommodate the religious observances, practices, and beliefs of individual students in regard to admissions, class attendance, and the scheduling of examinations and work assignments.
B. Religious accommodation includes respect for individual religious beliefs and tolerance of religious differences. Thus, students in the classroom shall not be subjected to harassment or ridicule on the basis of their religious beliefs.
C. Accommodations under A. or B. above shall be made between the individual student and the appropriate member of the faculty or staff.
    1. Such accommodation shall provide reasonable alternative means for students to carry out their responsibilities as students.
    2. Students must notify instructors in advance of absences to observe religious holy days in their own faith. Such absences shall be permitted without penalty.
    3. Students are responsible for material covered during the absences under this Rule, but will be given a reasonable period of time in which to complete makeup assignments after such absences.
    4. Whenever practical, major class assignments, major examinations, and official ceremonies shall be scheduled at times which do not conflict with major religious holy days.
D. Students who are not satisfied with the accommodation made hereunder may pursue a grievance in accordance with Board of Trustees Rule 6Hx23-1.34.

SEXUAL HARASSMENT

(College Rule 6Hx23-2.011)

I. **POLICY:**
Sexual harassment constitutes discrimination on the basis of sex and is a violation of this Rule. The College shall not tolerate such conduct. Any employee or student who is found to have violated this Rule shall be disciplined and such discipline shall range from one or more of the following: counseling, attendance at a sexual harassment seminar, written admonishment, suspension or dismissal.

II. **STUDENT RELATIONSHIPS:**
This Rule applies to all students. No student shall engage in sexual harassment.
    A. The student-student relationship, the student-instructor relationship and the student-staff relationship should at all times be respectful of the rights of the others and any conduct by a student which creates a sexually intimidating, hostile or offensive environment violates the College's Sexual Harassment Rule and may be subject to discipline. For this purpose, staff not only includes College staff, but all employees of clinics and agencies affiliated with a College clinical program or course.
    B. Students having a consensual romantic and/or sexual relationship with a faculty or staff member who is in a position to determine a student's grade or otherwise affect a student's academic progress or environment may be subject to discipline.

III. **INSTRUCTOR/STAFF-STUDENT RELATIONSHIPS:**
This Rule applies to instructor/staff-student relationships.
    A. In the instructor/staff-student context, the term sexual harassment also has a broader impact. The fundamental element of such behavior is the inappropriate personal attention, including romantic and/or sexual relationships with a student by an instructor or staff mem-

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ber who is in a position to determine a student's grade or otherwise affect the student's academic progress or environment. Since the instructor/staff-student relationship is one of professional and client, the above inappropriate behavior is unacceptable in a college because it is a form of unprofessional behavior which seriously undermines the atmosphere of trust essential to the academic setting and is subject to discipline.

B. This Rule applies to consensual as well as non-consensual instructor/staff-student romantic and/or sexual relationships, where the instructor or staff member is in a position to determine a student's grade or otherwise affect a student's academic progress or environment. In general, however, this Rule will be strictly enforced, with the severest penalty imposed, in any instance where the involved student is enrolled in the instructor's class at the time of the inappropriate behavior.

C. This Rule is not intended to apply when an instructor is legitimately exercising academic freedom in teaching in the classroom when the subject matter taught or discussed is appropriate to the course being taught. Nevertheless, the instructor/staff-student relationship should at all times be professional and any conduct by an instructor or staff member which unnecessarily or unreasonably creates a sexually intimidating, hostile or offensive academic environment in violation of the rights of others is inappropriate and unacceptable and is subject to discipline.

D. Students having a consensual romantic and/or sexual relationship with a faculty or staff member who is in a position to determine a student's grade or otherwise affect a student's academic progress or environment may be subject to discipline.

Should you be confronted with sexual harassment, promptly notify any campus associate provost, provost or their designee or the director of EA/EO, (727) 341-3261 or 341-3257.

SEXUAL MISCONDUCT

(College Rule 6Hx23-4.332)

The College will not tolerate the act of sexual assault/battery, sexual harassment, public indecency or voyeurism. Any such sexual misconduct should be promptly reported to campus security, the associate provost or provost. For more information on sexual assault and sexual misconduct, please refer to the College's sexual misconduct awareness and prevention materials published by the College.

SEXUAL PREDATOR OR OFFENDER INFORMATION NOTIFICATION/PUBLICATION

(College Procedure P6Hx23-2.013)

I. Federal and State law requires a person designated as a "sexual predator or offender" to register with the Florida Department of Law Enforcement (FDLE). The FDLE then is required to notify the local law enforcement agency where the registrant resides, attends or is employed by an institution of higher learning. The College shall include in its publications to students and employees, information that will advise the student or employee on how to obtain information on sexual predators or offenders from the local law enforcement agency with jurisdiction for the particular campus or by calling the FDLE hotline or by visiting the FDLE website.

II. When a law enforcement agency notifies the College that a sexual predator or sexual offender is enrolled, planning to enroll, employed, or carrying on a vocation at the College or University Partnership Center, such notification shall be delivered to the attention of the President, who shall then deliver it to the senior vice president of Educational and Student Services or designee and director of Human Resources. The senior vice president or designee will notify the College-wide Security supervisor, who will in turn initiate an information check on the student or employee and will advise security personnel at the respective site(s) where the student may be attending classes or the employee may be working. The information shall also be provided to the provost, associate provost or cabinet-level supervisor at the site where the student or employee may be attending classes or may be employed. In consultation with the college attorney, the site administrator or supervisor will (1) coordinate with the site security officer; (2) notify the program director, faculty member, and/or immediate supervisor. The faculty member will be advised that the information is confidential and provided for safety purposes only, and should in no way affect the student's academic status. In instances where students may be residing in one community and attending classes or receiving support services on multiple campuses, the College-wide security supervisor shall notify all appropriate provosts and/or site supervisors.

III. All instructors will be advised to include in their syllabi, general information on campus safety and security and specific directions on how to obtain information on sexual offenders on campus using the statement provided by the Office of Educational and Student Services. However, such information shall not include a listing of specific offenders.

IV. If a conference with the offender is deemed necessary, it shall be with the understanding that the conference will be conducted in private and scheduled by the appropriate provost, associate provost or site administrator.

a. A student sexual predator or offender will be advised of the need to comply with student conduct and rights and responsibilities provisions consistent with all students. Failure to comply may result in disciplinary action in accordance with Rule 6Hx23-4.35.

b. An employee sexual predator or offender will be advised to comply with the law and College rules and procedures. Failure to comply may result in disciplinary action in accordance with Rules 6Hx23-2.19 or 6A-14.0411.

c. Further, formal actions shall provide that for any on-campus disciplinary action wherein there is an alleged sexual assault, (1) the accuser and the accused are entitled to the same opportunities to have others present during a campus disciplinary proceeding; and (2) both the accuser and the accused shall be informed of the outcome of any campus disciplinary proceeding brought alleging sexual assault.

V. Any person who materially alters or distributes public records information referred to herein, including documents, summaries of public records information provided by law enforcement agencies, or public records information displayed by law enforcement agencies on websites or provided through other means of communication, with the intent to misrepresent the information, shall be subject to College disciplinary procedures. Such procedures set forth that the College may impose discipline up to and including dismissal and/or termination. Such individuals may also be subject to a charge of misdemeanor of the first degree, punishable as provided in state statutes.

VI. The College shall, from time to time, provide occasional programs to promote the awareness of rape, acquaintance rape and other sex offenses.

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STUDENT AFFAIRS: ACADEMIC HONESTY GUIDELINES

(College Rule 6Hx23-4.461)

All students are required to abide by the following Academic Honesty Guidelines:

Each student is required to subscribe to the Guidelines upon registration each semester by signing the following pledge which is contained on the Registration and Drop/Add Form:

> I understand that SPC expects its students to be honest in all of their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action, up to and including expulsion from College.

STUDENT GRIEVANCES AND ACADEMIC APPEALS

(College Rule 6Hx23-4.36 I and III)

I. **Student Grievances**
   A. Definitions:
      1. A "grievance" is defined for the application of this Rule to be a complaint, other than a discrimination grievance, alleging that a student's (grievant's) rights have been abridged through any of the following:
         a. a violation of Rules and/or Procedures of the College;
         b. arbitrary or capricious action by a College employee;
         c. improper removal from the College or a program of the College for academic reasons;
         d. improper denial of admission or readmission to the College or a program of the College;
         e. information contained in the student's record (BOT Rule 6Hx23-4.37).
         f. arbitrary and/or capricious action in the award of a final grade.
         g. an academic matter which may be grieved as an appeal. A petition may be filed for an individual determination concerning matters relating to any of the following:
            (1) belated withdrawals;
            (2) deviations from graduation requirements;
            (3) changes to permanent records;
            (4) academic probation, suspension and dismissal under BOT rule 6Hx23-4.46;
            (5) changes from audit to credit;
            (6) inappropriate action by the student based on misleading advice by a College employee;
            (7) exclusion of course work from grade point average calculations and cumulative credit hours attempted;
            (8) extension of time to complete work when an "I" (incomplete) grade has been assigned;
            (9) all other academic rules and procedures except those referred to in Paragraph I.A.1.a. through f. above.

Such appeals are normally directed to the next level of authority above which the decision was made. If the student wishes to pursue the grievance, the matter would go to the associate provost or designee. the associate provost shall provide the student with a copy of BOT Rule 6Hx23-4.36. If the mater is not resolved to the satisfaction of the student at the informal level, the student shall timely file with the provost or designee of the campus or center where the alleged matter took place, the appeal in writing, stating the reasons and grounds for the appeal to the Campus/center Appeals Committee with a copy to the associate provost or designee on the appropriate campus/center.

II. **Appeals to Exclude Coursework from Grade Point Average Calculations**
   A. Coursework attempted within the last 10 years shall be included in grade point average calculations and may not be excluded by the Committee except as provided herein.
   B. Coursework attempted more than 10 years ago may be excluded from grade point average calculations if there was a break in the student' s continuous enrollment for a period of 5 or more years.
      1. Decisions to exclude coursework attempted must include the exclusion of all coursework attempted prior to the date specified in the appeal, but not before the 10-year limit specified in Paragraph II.a.
      2. Evidence of material change of circumstances (i.e., change of career direction) must be presented in an appeal.
   C. Exceptions to the above provision may be considered in cases where the student is without opportunity to repeat a course(s) at St. Petersburg College in accordance with Board of Trustees Rule 6Hx23-4.15, Academic Average and Repeated Courses.

STUDENT AND STUDENT ORGANIZATION REGULATIONS

(College Rule 6Hx23-4.33)

I. Students enrolled at St. Petersburg College are expected to conduct themselves in a manner, which will reflect credit to the College, the community and themselves. Each student, by registering, assumes the responsibility to become familiar with and to abide by the general regulations and rules of conduct listed in the Board of Trustees' Rules. If found guilty of violation of any of these rules, a student may be subject to the placing of a hold on the student's record, the withholding of grades, credits, transcripts or diplomas, disciplinary probation, suspension or dismissal, in accordance with prescribed Rules for the handling of disciplinary cases. (See Board of Trustees' Rule 6Hx23-4.35)
   A. The following actions are prohibited at or on any campus or center of the College or at any College-sponsored or College-affiliated activity or event. Violation of any of these regulations may result in disciplinary action. In addition, the College reserves the right to impose discipline based on any student conduct, regardless of location, that may adversely affect the College or College community. Further, disciplinary action may be imposed in special circumstances where prescribed by law.
      1. Possession or consumption of alcoholic beverages.
      2. Use, possession, sale, barter, exchange, gift, distribution or other transaction of any drugs which would be in violation of Chapter 893 of the Florida Statutes.
      3. Cheating in any form.
      4. Stealing or attempting to steal.
      5. The use of indecent or abusive language.
      6. Gambling.
      7. Hazing. The College's anti-hazing policy and the penalties for violations thereof are set forth in Board of Trustees' Rule 6Hx23-4.331.
      8. Vandalism or destruction of property.
      9. Unauthorized possession, duplication or use of keys or access cards to any College premises or services.
      10. Taking or unauthorized use or possession of College property or the private property of another.
      11. Falsification, forgery, alteration or misuse of any College record, document or identification card.

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12. Permitting another to use his or her College identification card, impersonating another or misrepresenting being authorized to act on behalf of another.
13. Failure to comply with lawful directives of College officials or security officers acting within the performance of their duty.
14. Any action which causes or attempts to cause a fire, explosion, including bomb threats or any false reporting of a fire, explosion or any tampering with the fire safety equipment or other safety devices or the failure to evacuate the College buildings during a fire alarm.
15. Fraudulent and/or unauthorized official use of College name, seal, emblem, nickname or motto.
16. Lewd or indecent conduct.
17. Behavior or actions which are disruptive of the normal, peaceable and orderly operation of the College.
18. Any disorderly conduct or breach of peace. This includes, but is not limited to, such conduct as threatening, fighting or other tumultuous behavior, the making of unreasonable noise or offensively coarse utterances, gestures or display or abusive language to any person, creation of a hazard or offensive condition or other causes or matters resulting in the disturbance of the public tranquility and order of the College, its students or personnel.
19. Participation in a campus demonstration which unreasonably disrupts the normal operations of the College and infringes upon the rights of other members of the College community; leading or inciting others to disrupt scheduled and/or normal activities within any campus (site), building or area; intentional obstruction which unreasonably interferes with freedom of movement, either pedestrian or vehicular on campus (site).
20. Obstruction of the free flow of pedestrian or vehicular traffic on College premises or at College sponsored or supervised functions.
21. Acts of verbal or written abuse, threats, intimidation, harassment, coercion and/or other conduct which creates an intimidating, hostile or offensive working and/or educational environment.
22. Violation of a federal or state law, county or city ordinance.
23. Repeated offenses of a less serious nature.
24. Assault or physical abuse.
25. Possession or use of explosives (including fireworks), chemical agents, or deadly weapons (including firearms). No person shall possess or carry a firearm upon College property except municipal, county, state and federal law enforcement officers either on or off duty and except students at the indoor firing range of the SPC Allstate Center. When said law enforcement officers are not in uniform and carry an exposed firearm on their person, they shall be required to display their officially issued badge, shield or identification tag while participating as a student or instructor in Criminal Justice Institute programs at the Allstate Center. At all other sites, law enforcement officers not on duty or not in official uniform must conceal their weapons. When carrying concealed weapons on St. Petersburg College property, law enforcement officers must be ready to display officially issued badge, shield or law enforcement identification upon request. Registered students and employees of the College who are licensed to carry concealed weapons as authorized by F.S. 790.06, must register and receive written permission from the President or his designee to carry an authorized weapon on SPC property. Weapons carried upon College property by registered students and employees licensed pursuant to F.S. 790.06 must be with the written permission of the President or his designee. Said weapons shall be limited to a stun gun or non lethal electric weapon or device solely designed for defensive purposes and the weapon does not fire a dart or projectile and shall be concealed at all times.
26. Unauthorized entry and/or occupancy of College facilities.
27. Violations of student traffic and parking control as listed in Board of Trustees' Rule 6Hx23-4.34.
28. Sexual harassment as defined in Board of Trustees' Rule 6Hx23-2.011.
29. Sexual misconduct as defined in Board of Trustees' Rule 6Hx23-4.332.
30. Discrimination. The denial of services or access to activities to an individual because of his or her race, religion, age, national origin, gender, marital status or disability constitutes discrimination.
31. Stalking. To follow or harass repeatedly another person so as to put that person in fear for his/her safety.
32. Actions that are committed with disregard of the possible harm to an individual or group which could or does result in injury to an individual or group.
33. Failure to respect the right-to-privacy of any member of the College community.
34. Disobedience. Failure to abide by official College rules, procedures, policies or guidelines.
35. Conduct endangering safety and welfare. The commission of any act which one could reasonably foresee as having the potential to threaten or endanger the health or well being of any person or property.
36. Misuse of Computer and Computer Information Resources:
    a. Altering, modifying, destroying, disclosing or taking information resource property (including equipment, supplies, data, programs, software and supporting documents) as well as modifying equipment or supplies without proper authorization.
    b. Unauthorized entry into a file, to use, read or change the contents or for any other purpose.
    c. Unauthorized transfer of a file.
    d. Unauthorized use of another individual's identification and/or password.
    e. Use of any computing facilities, either locally or remotely, to interfere with the work of another student, faculty or staff member of the College or negatively impact the College network and/or computing system.
    f. Use of any computing facilities, either locally or remotely, to send obscene or abusive messages through the College network and/or computing system.
    g. Use of any computing facilities, either locally or remotely, to interfere with the normal operation of the College network and/or computing system.
    h. Misuse of College computers. See BOT Rule 6Hx23-6.900.
37. False information. Furnishing false information to a College official in the exercise of his/her responsibilities.
38. Engaging in commercial solicitation on College property. This does not apply to approved College organization sales when approved by the College.
39. Knowingly instituting a false charge against another.

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40. Intentionally, without consent, limits or restricts the freedom of another to move about in a lawful manner.
41. Any action which interferes with or obstructs the College's hearing process, including failure to appear upon request of a Chair for a hearing panel at a hearing; failure to testify upon a request of a Chair of a hearing panel at a hearing; improper conduct at a hearing; knowingly making false statements at a hearing; disruption or interference with the orderly conduct of the hearing process; attempting to discourage an individual's proper participation in or use of the hearing process; attempting to influence the impartiality of a member of the hearing panel prior to and/or during the course of the hearing process; harassment (verbal or physical) and/or intimidation of a member of the hearing panel prior to, during or after the hearing proceedings; influencing or attempting to influence another person to commit an abuse of the hearing process; and/or failure to complete imposed sanctions. Nothing in this subsection shall be construed to compel self-incrimination.
42. Conspiracy to commit violation of any of the above or aiding, abetting, assisting, hiring, soliciting or procuring another in the violation of any of the above.

B. Students are expected to be dressed neatly and in good taste at all times while on campus and while attending any College-sponsored activity.

II. **Student Organizations**

Student organizations are also prohibited from engaging in the conduct listed above. Violations of this Rule by a student organization could result in the rescission of the authority for such organization to operate on college property or under the sanction of the College.

III. **Students Threatening Harm**

This section of the Rule is implemented as a result of growing conduct throughout the United States, the State of Florida and Pinellas County, including this College, of students threatening physical harm to other students, instructors and/or staff with an unpredictable but growing frequency of a student carrying out the threat or causing harm which necessitates the implementation of this Rule in order to better provide a reasonably safe academic and work environment. Due process of the accused, suspected student is believed to be protected by the following.

Therefore, a student may be immediately suspended from classes and/or from the College and its grounds and premises upon the recommendation of the student's campus/center associate provost or designee upon approval of the provost or designee or the President or designee when one or more of the following circumstances exist:

a. A student is reasonably suspected of threatening and/or causing physical harm to a student, instructor and/or staff member and/or their property or property of the College.
b. A student is reasonably suspected of violating Sub Paragraphs 14, 25, 31, 32, 35 or 40 of the above Rule.

Any student alleged to have violated one or more of the foregoing shall be contacted by the associate provost or designee, if reasonably possible, and request that the student come in to share his/her side of the story in advance of their consideration of whether or not the suspension should be imposed. However, because such conduct threatens bodily harm, life and/or property, if the student cannot be reached or does not promptly respond to the request, the associate provost or designee may recommend suspension if they reasonably suspect that any of the above violations have occurred. If the student does not come in and share his/her side of the story and the associate provost or designee still reasonably suspects that any of the above violations have occurred, the associate provost or designee may recommend suspension. If the suspension is approved by the provost or designee, or the President or designee, the suspension will be imposed.

When deemed appropriate, the associate provost or designee may, as an alternative to this Rule or in conjunction with this Rule, recommend that an evaluation be done pursuant to Board of Trustees' Rule 6Hx23-4.333.

Any student suspended pursuant to the foregoing shall be notified of the suspension and shall comply with the directed suspension. Notification may be by personal delivery or by regular mail to the student's last known address. The student shall be entitled to an informal preliminary hearing within three (3) working days after the suspension at which time the provost or designee will conduct an informal preliminary hearing to determine whether or not there is trustworthy information to support the student's violation and/or continued suspension. At the hearing, the associate provost or designee shall offer evidence and/or witnesses to the threat or other proscribed conduct. The student shall be entitled to offer their side of the story including any other evidence and/or witnesses. The provost or designee shall promptly determine whether or not to continue their suspension. The suspension shall continue to be in effect during the time the matter is being considered by the provost or designee.

If the provost or designee determines that there is no trustworthy information to support the violation, the student shall be reinstated and shall be permitted to make up any coursework or testing that was missed as a result of the suspension. If the provost or designee believes that continuing the suspension is not appropriate, but that the student should be subject to further investigation and consideration for discipline, the suspension will be lifted and the matter referred to the associate provost or designee for further investigation and action as may be appropriate under Board of Trustees' Rule 6Hx23-4.35. If the provost or designee determines that the suspension is supported by trustworthy information and was appropriate and continues to be appropriate, the provost or designee shall direct that the suspension continue and the matter shall be promptly referred to the Disciplinary Board for a full hearing in accordance with Board of Trustees' Rule 6Hx23-4.35. The student shall be notified of the provost's or designee's determination by personal delivery or mail to the student's last known address.

On sites where there is no provost and/or associate provost, the President shall designate the person(s) to undertake the duties of the provost and/or associate provost under this Rule.

STUDENT SAFETY AND SECURITY

(College Rule 6Hx23-1.232)

Nothing is more important than the safety and security of the students and employees of the College. Threats, threatening behavior, acts of violence, stalking, and/or use or possession of explosives, destructive devices, firearms and/or weapons, etc. will not be tolerated against students, employees, visitors, guests or any other individuals on College property or any one attending a College sponsored event. The College has zero tolerance for such conduct. Violations of this policy by a student or employee will lead to disciplinary action as provided in the Board of Trustees Rules, State Board of Education Rules and law, which may include suspension or dismissal.

This policy prohibits:

a. Any substantial threat – any threat to harm or endanger the safety of others or threat to damage or destroy property. It shall not be an excuse that the threat was false, unintentional or a joke.

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b. Any threatening behavior – behavior or actions interpreted by a reasonable person as carrying the potential for violence and/or acts of aggression.
c. Acts of violence – any act(s) which a reasonable person would believe constitutes battery under Florida law and/or the intentional damaging or destruction of property.
d. Stalking as defined in Florida law.
e. Use and/or possession of an explosive(s), destructive device(s) and/or weapons(s), including firearms, as those terms are defined in Florida Statutes 790.001, by any person except those certain persons who may carry a weapon(s) or firearm, if authorized by the Board of Trustees' Rule 6Hx23-4.33.
f. Leaving unattended book bags or other item(s) wherein explosives, destructive devices, firearms and/or weapons, etc. may be located.

This policy is not meant in any way to curtail an individual's right to express himself/herself as long as that expression is not disruptive, inappropriate, unprofessional and would not cause a reasonable person to be put in fear of harm.

Any person who makes substantial threats, exhibits threatening behavior, engages in violent acts, stalks, and/or uses and/or possesses explosives, destructive devices, firearms and/or weapons, etc. on College property shall be in violation of any right to be on College property or at a College sponsored event and shall be removed from the premises as quickly as safety permits. College personnel or security shall immediately notify the local law enforcement authority by calling 911 (9-911 from a College telephone) and request immediate assistance in the removal of the person. College personnel should also promptly notify College Security at 791-2560 and the site provost, associate provost or designee or the director of Human Resources.

Any book bag or other item(s), wherein explosives, destructive devices, firearms and/or weapons, etc. may be located, left unattended may be secured by College staff, security and/or law enforcement personnel for inspection for explosives, destructive devices and/or weapons and firearms.

Should the prohibited conduct be committed by a College student or employee, an investigation shall be conducted and, if appropriate, disciplinary proceedings commenced. Whether the student or employee is entitled to return to the College for continuation of his/her coursework or employment during the pending investigation and disciplinary proceedings will depend upon the nature of the conduct and the best judgment of the site provost, administrator or designee consistent with the general policy described in BOT Rule 6Hx23-1.232. The site provost, administrator or designee shall attempt to provide the student or employee with an opportunity to tell their side of the story before imposing restrictions. The site provost, administrator or designee may impose restrictions consistent with said general policy on an employee's or student's return to the College. The student or employee will have an automatic review of the provost's, administrators or designee's decision by the President or designee. The student or employee and the site provost, administrator or designee shall submit their position/evidence to the President or designee in writing within three (3) working days after the site provost's, administrator's or designee's decision. The President or designee may require more investigation or enter a decision based on the furnished information. A decision on this issue shall not necessarily affect whether or not the student or employee shall be subject to discipline.

In any disciplinary proceeding brought against the student or employee, the discipline may include limited access to College facilities and other restrictions, reassignment, training, counseling, reprimand, probation, suspension, or dismissal of the student or employee as circumstances may indicate.

No existing College Rule, policy, practice and/or procedure should be interpreted to prohibit decisions designed to stop a threat from being carried out, a violent act from occurring or a life threatening situation from developing.

Students and employees are responsible for notifying their site provost, associate provost or designee or the senior vice president of Educational & Student Services or the director of Human Resources of any threats, threatening behavior, acts of violence or stalking in which they have been subjected to, witnessed or have been told that another person has witnessed or received, as well as any item left unattended wherein an explosive, destructive devices, firearms and/or weapons, etc. could be located. Even without an actual threat, students and employees should also report any behavior that they have witnessed which they regard as intimidating, threatening or violent in nature when that behavior is related to or might be carried out on College property or at a College sponsored activity.

Any individual who applies for or obtains a protective or restraining order that lists any College site as being a protected area must provide the provost, associate provost or designee or director of Human Resources at the listed site(s) a copy of the petition, the affidavit, if any, used to seek the order, a copy of any temporary or protective restraining order granted and a copy of any protective and restraining order that is made permanent. The provost, associate provost, site administrator or their designee or the director of Human Resources or security shall report any violation of any protective or restraining order to the law enforcement agency charged with the enforcement of said orders. (Board of Trustees' Rule 6Hx23.123).

STUDENT OMBUDSMAN OFFICE RULE

(College Rule 6Hx23-4.362)

This Rule creates a Student Ombudsman's Office which is accountable to the President. The purpose of the Student Ombudsman's Office is to provide assistance and an appeal process for a student desiring to appeal a decision relating to the student's access to courses and credit granted toward his/her degree. The President shall establish a procedure by which a student may appeal to the Office of the Student Ombudsman an adverse decision related to the student's access to courses and credit granted toward their degree. The procedure shall establish minimum standards for the role of the Student Ombudsman and shall address the issue of notification of students of opportunities for assistance or appeal.

STUDENT OMBUDSMAN OFFICE PROCEDURE

(College Procedure P6Hx23-4.362)

I. **Student's Access to Courses and Credit Granted Toward the Degree**.
A student who believes that his/her rights to access a course or to credit granted toward their degree has been wrongfully abridged may appeal to the Office of the Student Ombudsman provided:
   A. The student has met with the appropriate program director or other appropriate administrator seeking resolution. The program director has denied the request. (The program director shall send the student a copy of this Procedure and a written denial of the student's request setting forth the reasons for the denial.)
   B. That upon the denial by the program director of the student's request, the student seeks review of the program director's denial. The student must present in writing within 10 working days of after the denial his/her request and the reasons supporting the request to the associate provost or designee. The associate provost or designee shall, within 5 working days after the receipt of the written request, affirm or overrule the program director's decision. The associate provost or designee shall send the student and the program director a copy

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of the written determination by delivery, College mail or U. S. Mail. In the event the associate provost or designee affirms the decision of the program director and denies the student's request, the student may within 10 working days after the date of the associate provost's or designee's written determination, file a written appeal to the Office of the Student Ombudsman stating the reasons supporting the appeal and send copies of the written appeal to the program director and associate provost or designee by delivery or U. S. Mail.

C. If the student appeals to the Student Ombudsman, the program director and/or the associate provost or designee may file a written response to the student's written appeal with the Student Ombudsman within 5 working days after receipt of the student's written appeal. Any written response should be sent to the student, the program director or associate provost or designee by delivery, College mail and/or U. S. Mail. (The student, program director and the associate provost or designee shall be collectively described hereinafter as the "interested parties.")

II. **The Authority of the Student Ombudsman:**

A. Assistance. The Office of the Student Ombudsman may assist a student any time in matters related to the student's access to courses and credit granted toward their degree.

B. Authority on Appeal. The Student Ombudsman shall have the authority to review the denial of the student's request for access to courses or for credit granted toward the student's degree as set forth in subparagraph D.1. or 2. below and may grant the students request provided:

1. That the student has complied with Paragraph I. above; and
2. The Student Ombudsman determines that one or more of the following reviewable grounds exist:
   a. that there has been inappropriate disparate treatment of this student as compared to other students in the program;
   b. that there is unlawful discrimination;
   c. that the student previously received and had reasonably relied upon inappropriate or misleading information given by a College official who the student reasonably should have believed was qualified to give the information; and/or
   d. that the student has presented substantial evidence of undue hardship and the action taken by the Student Ombudsman would not substantially alter the program, its requirements and/or adversely affect the rights of other students.

C. Alternative Procedure/Election. The student in lieu of appealing to the Student Ombudsman may in the alternative use the appeal procedure for matters, which are grievable under BOT Rule 6Hx23-4.36 - Student Grievances and Appeals, Appeals to Waive Requirements of CLAST, Appeals to Exclude Coursework from Grade Point Average Calculations, Student Body Governance and Recommendations or P6Hx23-1.34 - Procedure Discrimination Grievance. Once a student has filed an appeal with the Office of the Student Ombudsman pursuant to this Procedure or in the alternative has filed an appeal grievable pursuant to BOT Rule 6Hx23-4.36 and P6Hx23-1.34 with the chairperson of the respective Grievance Committee pursuant to the formal resolution process, the student shall be deemed to have made an election of which procedure is to be used and the decision of the student is final and the student shall not be permitted to thereafter pursue the other alternatives.

D. Procedure Before the Student Ombudsman. The student appeals to the Student Ombudsman, when:

1. The student has complied with Paragraph I. above; and
2. The Student Ombudsman determines that one or more of the foregoing (II. B. 2. a-d) reviewable grounds exist; the student may:
   a. request a hearing with the Student Ombudsman serving as the hearing officer and decision maker. The student and other interested parties may present evidence, cross-examine witnesses and provide written or oral arguments of their position. The Student Ombudsman shall send all interested parties a copy of said Guidelines with the Notice of Hearing. The Student Ombudsman shall send all interested parties a copy of the written decision stating the reasons therefore by delivery, College mail or U. S. Mail within 10 working days after the conclusion of the hearing.
   b. Or in the alternative, request the Student Ombudsman to investigate and review the matter and based upon the investigation and review, the Student Ombudsman shall have the right without holding a hearing to enter a decision. When the student chooses this alternate procedure before the Student Ombudsman, the Student Ombudsman shall investigate and review the matter and grant or deny the student's request in writing stating the reasons for the decision within 20 working days after the receipt of a timely request. The Student Ombudsman shall send the interested parties a copy of the decision by delivery, College mail and/or by U. S. Mail. The student waives any right to a hearing when choosing this alternate method of review and appeal to the Student Ombudsman.
   c. The student must elect between the procedures set forth in Subparagraph 1. or 2. above at the time of filing the appeal to the Student Ombudsman, provided the student may withdraw the request for a hearing and request the Student Ombudsman proceed under Subparagraph 2. at any time before the date of the scheduled hearing.

III. **Appeal to the President**

The student, the program director and/or the associate provost or designee may appeal the decision of the Student Ombudsman to the President, provided, however, the President shall not reverse the decision of the Student Ombudsman unless the Student Ombudsman's action is not supported by competent substantial information recorded in his/her file, is beyond the authority of the Student Ombudsman, is not based on one or more of the grounds set forth in Paragraph II. B.2 a.-d. above and/or the Student Ombudsman's determination is arbitrary and capricious and without rational basis.

A. Any party appealing to the President must file their appeal in writing stating the reasons the decision of the Student Ombudsman should be reversed or modified. The appeal must be filed with the President within 10 working days after the date of the Student Ombudsman's decision with a copy of the appeal request being sent to other interested parties (which shall include the student, program director, associate provost or designee and the Student Ombudsman) by delivery, College mail and/or

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U. S. Mail. Other interested parties may respond to the appeal request in writing to the President within 10 working days after the date the appeal is filed with the President and shall send copies of their response to other interested parties by delivery, College mail and/or U. S. Mail.

B. The record on appeal to the President shall consist of the student's request and reasons at each level of review and/or appeal, the program director's denial, the associate provost's or designee's denial, the Student Ombudsman's complete file, and any request for appeal or response.

C. The President's decision shall constitute final action. The President shall send a copy of the decision to the student, program director, associate provost or designee and Student Ombudsman by delivery, College mail and/or U. S. Mail.

IV. **Time Limitations**

A. For Review Or Appeal. The failure of the student, program director or the associate provost or designee to seek timely review or appeal as provided herein shall constitute a waiver of any rights of further review or appeal.

B. For Decisions. The person whose duty it is to make a decision shall do so within the time limitations set forth herein above, provided, however, the time may be extended at any level when reasonably necessary upon the approval of the President.

V. **Appointment of the Student Ombudsman**

The President shall appoint the Student Ombudsman, who shall be accountable to the President.

VI. **Notification to Students**

The College catalog and student handbook shall outline availability of the Office of the Student Ombudsman to assist students with access to courses and credit granted toward their degree and of student's right of appeal to the Student Ombudsman of an adverse decision related to the student's access to courses or credit granted toward their degree.

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MONEY MATTERS

COLLECTION OF FINANCIAL OBLIGATIONS AND DELINQUENT ACCOUNTS

(College Rule 6Hx23-5.27)

I. All financial obligations and accounts owing to St. Petersburg College are to be paid when due. Financial obligations include not only amounts due directly to the College, but also loans made or guaranteed by the State of Florida or the federal government and administered by the College. Delinquent student accounts are sufficient cause for cancellation, prevention of registration or withdrawal from classes. Registration, graduation, granting of credit or release of credit or release of transcripts may be withheld on any student who has an outstanding financial obligation to the College.

II. When a financial obligation is not paid when due or when a check or draft received by the College in payment of a financial obligation is returned by the financial institution on which it was drawn, the president shall attempt collection with due diligence.

III. The president is authorized to assess a $25 dishonored check charge when appropriate.

IV. Students with an outstanding financial obligation to the College's contracted bookstore will not be permitted to register for classes.

V. When the College offers courses at other colleges or schools and makes arrangements for students to use the library facilities at those institutions at no additional charge to the students, the College may withhold registration, graduation, granting of credit, or release of transcripts for any student who has an outstanding financial obligation to the cooperating institution because of overdue, lost or damaged books, periodicals or other library materials.

VI. If the student has been withdrawn from classes, subsequently satisfies all financial obligations to the College and desires to be reinstated, the student must obtain the authorization of the instructor for each course involved, re-register and pay the late registration/reinstatement charge.

The payment of fees is subject to a "due date." When a student's registration has been completed, the student is given a date by which to pay fees. Failure to do so results in cancellation of the student's schedule. Although the student is free to re-register, the student may not automatically reinstate the canceled schedule.

STUDENT FEES

(College Rule 6Hx23-5.17and 5.171)

Change to course numbers and titles are made by the State Department of Education on a regular basis. Such changes to any course included in this rule will be effective when approved by the State and the fees below will continue to be assessed despite any delays in correcting the course numbers and titles. The Board hereby grants the President the authority to amend this rule, without further Board approval, to provide for the correction of course numbers and course titles as are approved by the State Department of Education and for the elimination of course fees for courses which have been discontinued.

STUDENT FEES (Subject to Change)

The following fee schedule applies to all St. Petersburg College credit or audit students except high school students enrolled in the dual credit program or early admission students. **Fees and tuition are subject to change upon approval of the Board of Trustees. Prepayment will not relieve students of additional charges approved prior to the start of classes.**

A. Initial application fee (original application only) ..... $ 35.00

B. Special admission and processing fee for entering International students (applies only to students who plan to attend the college on F-1 visa status) 100.00

C. Application/Service Fee for each short-term loan 20.00

D. Registration Fees (per credit hour)
   1. Florida residents 58.24
   2. Non-Florida residents 217.10

E. Registration Fees – upper-division courses (per credit hour)
   1. Florida residents……69.12
   2. Non-Florida residents ……257.73

F. Late Registration/Reinstatement Fee 25.00
   1. A fee will be assessed when:
      a. a student registers after the drop/add period, OR
      b. a student's schedule is canceled and later reinstated after the drop/add period.
   2. Exceptions to this fee may be granted for students receiving scholarships or reinstatement of a schedule canceled due to college error.

G. College level and College Preparatory Class Repeats: Students who undertake a third attempt (and/or a fourth attempt, if approved by appeal) of a **college level** course will be assessed fees at 100% of the full cost of instruction. Students who undertake a second and/or third attempt of a **college preparatory** course will be assessed 100% of the full cost of instruction; however, students undertaking second and/or third attempts of a college preparatory course and who have a financial hardship and/or extenuating circumstances should consult with the associate provost or designee on their home campus. The full cost of instruction is defined as four times the matriculation fee (per credit hour) and other fees. For additional information regarding the actual cost, students should contact the Business Office on their home campus. Other fees, in this case, shall mean the special fees charged to Non-Florida resident students together with fees associated with the taking of a particular course, if any.

H. Fees for use of lab equipment will not be assessed, as determined by the President, for courses taught off site utilizing equipment not owned by the college and for which the college is not charged.

Online and telecourse class sections shall only be charged the regular online and telecourse lab fees as provided for in this Rule, except where additional and specifically identifiable materials or supplies are provided directly to students.

I. Other Student Fees
   1. Art and Graphics Course Fees:

ARH 1000	Understanding Art	$10.00
ARH 2050	Art History I	10.00
ARH 2051	Art History II	10.00
ART 1110C	Ceramics I	75.00

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ART 1751C	Ceramics II	80.00
ART 1201C	Design I	60.00
ART 1203C	Design II	75.00
ART 1300C	Drawing I	40.00
ART 1301C	Drawing II	50.00
ART 2253C	Illustration	35.00
ART 2400C	Printmaking I	50.00
ART 2500C	Painting I	50.00
ART 2501C	Painting II	50.00
CGS 2525	Introduction to Multimedia	60.00
CGS 2871	Desktop Audio/Video Design	90.00
COP 2840	Scripting for Browsers	50.00
EME 2310	Instructional Media Development	90.00
EME 2419	Survey of Presentation and Digital Media in Education	90.00
GRA 1104C	Typography	90.00
GRA 1330	History of Graphic Design	10.00
GRA 2100C	Computer Graphics	35.00
GRA 2111C	Graphic Design Seminar	90.00
GRA 2121	Digital Interface Design	30.00
GRA 2130	Multimedia Design	90.00
GRA 2132	Adv Multimedia/Digital Media Using Director	90.00
GRA 2146	Multimedia Interface & Screen Design	60.00
GRA 2148	Digital Media Portfolio	30.00
GRA 2151C	Computer Illustration	90.00
GRA 2152	Electronic Illustration	30.00
GRA 2158	Digital Graphics	60.00
GRA 2160	Basic Animation	60.00
GRA 2165	Advanced Animation with Macromedia Flash	60.00
GRA 2201C	Digital Publishing	90.00
GRA 2203C	Pre-Press Production	90.00
GRA 2333C	Graphic Techniques & Applications	90.00
GRA 2412	Legal Issues in Media Development	30.00
GRA 2710	Survey of Digital Video	60.00
GRA 2711	Basic Video Camera	120.00
GRA 2713	Basic Video Editing	120.00
GRA 2714	Advanced Videography	120.00
GRA 2715	Basic Scripting for Video	60.00
GRA 2727	Streaming Media	90.00
GRA 2731	Multimedia In Education	60.00
GRA 2732	Media Planning	40.00
GRA 2733	Planning and Management of Digital Media Authoring	60.00
GRA 2951C	Professional Practices/Internship	30.00
GRA 2952C	Graphic Design Portfolio	90.00
GRA 2998	Design Seminar: Multimedia Authoring	90.00
PGY 2110C	Color Photography	55.00
PGY 2201C	Studio Lighting	60.00
PGY 2401C	Photography I	55.00
PGY 2410C	Intermediate Photography	55.00
PGY 2470C	Themes for Photographers	40.00
PGY 2801	Digital Photography	75.00
PGY 2801C	Digital Imaging	90.00

2. A liability insurance and accident coverage fee will be charged to students enrolled in the following courses:

DENTAL HYGIENE

DEH 1003L	Dental Hygiene I Clinic	$23.00
DEH 2804L	Dental Hygiene IV Clinic	23.00

EMERGENCY MEDICAL SERVICES (EMS)

EMS 1411	Fundamentals of Emergency Care Clinical Experience	$28.00
EMS 1421	EMT Field Internship	28.00
EMS 2331	Emergency Care in-flight	28.00
EMS 2659	Paramedic Field Internship	28.00
EMS 2664	Paramedic Clinical I	28.00
EMS 2665	Paramedic Clinical II	28.00

HUMAN SERVICES TECHNOLOGY

HUS 2949	Co-Op Work Experience	$11.50

MEDICAL LABORATORY TECHNOLOGY

MLT 2807L	Immunohematology Clinical Experience	$23.00
MLT 2949	Phlebotomy Co-op	23.00

HEALTH INFORMATION MANAGEMENT

HIM 1000	Introduction to Health Information Management	$23.00
HIM 2200	Organization and Supervision	23.00

NURSING (R.N.)

NUR 1001C	Orientation to Technical Nursing Therapy Clinical Experience	$23.00
NUR 1021L	Nursing I Clinical Experience	23.00
NUR 1211L	Nursing II Clinical Experience	23.00
NUR 2061C	Health Assessment/Nursing Process	23.00
NUR 2293C	Perioperative Nursing	23.00
NUR 2462L	Nursing III Clinical Experience	23.00
NUR 2731L	Nursing IV Clinical Experience	23.00
NUR 4606L	Nursing of Family Practicum	23.00

PHYSICAL THERAPIST ASSISTANT

PHT 1217L	Physical Therapy Principles and Procedures Laboratory	$23.00
PHT 2810L	Physical Therapy Clinical Practice II	23.00

RADIOGRAPHY

RTE 1000	Orientation to Radiography	$23.00
RTE 2571	Computed Tomography	23.00
RTE 2571L	Computed Tomography Clinical Education	23.00
RTE 2575	Basic Magnetic Resonance Imaging I	23.00
RTE 2576	Basic Magnetic Resonance Imaging II	23.00
RTE 2576L	Magnetic Resonance Clinical Education	23.00
RTE 2582	Cardiovascular-Interventional Procedures	23.00
RTE 2582L	Cardiovascular-Interventional Clinical Education	23.00
RTE 2584	Basic Mammography I	23.00
RTE 2584L	Mammographic Clinical Education	23.00
RTE 2762	Cross Sectional Anatomy/Pathology	23.00
RTE 2824L	Radiographic Clinical Education III	23.00

RESPIRATORY CARE

RET 1874L	Clinical Practice I	$23.00
RET 2877L	Clinical Practice IV	23.00

VETERINARY TECHNOLOGY

ATE 1943	Veterinary Work Experience I	$23.00
ATE 2945	Veterinary Work Experience III	23.00

FUNERAL SERVICES

FSE 2101L	Embalming Clinical I	$23.00

3. Wellness and Human Performance Fees:

HLP 1080	Personal Wellness	$10.00
HSC 2400	First Aid	5.00
PEL 2341	Tennis I	5.00
PEL 2342	Tennis II	5.00
PEM 1361	Horseback Riding	80.00
PEN 2136	Skin and Scuba Diving - per course	55.00
PEN 2137	Advanced Scuba Diving - per course	55.00
PET 2622	Sports Medicine/Athletic Training	10.00

4. Class Music Fees (payable at regular registration):

MUS 1360	Music and Computers	$50.00
MVK 1111	Class Piano	25.00
MVK 2121	Class Piano	25.00
MVV 1111	Class Voice	25.00
MVV 2121	Advanced Class Voice	17.00

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5. Applied Music Fees (payable at a special registration after arrangements have been made with the department of Humanities/Fine Arts on the St. Petersburg/Gibbs campus):

	Music Majors	Non-Majors
One-half hour length classes per course	$60.00	$120.00
One hour length classes per course	$120.00	$240.00

NOTE: Class and applied music fees include the use of a practice room one hour daily. Instrument class fee also includes the use of method books on a loan basis. Private Instruction Fees (payable at a special registration after arrangements have been made with the department of Humanities/Fine Arts on the St. Petersburg/Gibbs campus):

MUC 1101	Applied Music Composition	$240.00
MUC 1311	MIDI Applications	240.00
MVB 1411	Applied Performance Trumpet	120.00
MVB 2421	Applied Performance Trumpet	120.00
MVB 1412	Applied Performance Horn	120.00
MVB 2422	Applied Performance Horn	120.00
MVB 1413	Applied Performance Trombone	120.00
MVB 2423	Applied Performance Trombone	120.00
MVB 1414	Applied Performance Baritone Horn	120.00
MVB 2424	Applied Performance Baritone Horn	120.00
MVB 1415	Applied Performance Tuba	120.00
MVB 2425	Applied Performance Tuba	120.00
MVK 1411	Applied Performance Piano	120.00
MVK 2421	Applied Performance Piano	120.00
MVK 1413	Applied Performance Organ	120.00
MVK 2423	Applied Performance Organ	120.00
MVP 1411	Applied Performance Percussion	120.00
MVP 2421	Applied Performance Percussion	120.00
MVS 1411	Applied Performance Violin	120.00
MVS 2421	Applied Performance Violin	120.00
MVS 1412	Applied Performance Viola	120.00
MVS 2422	Applied Performance Viola	120.00
MVS 1413	Applied Performance Cello	120.00
MVS 2423	Applied Performance Cello	120.00
MVS 1414	Applied Performance String Bass	120.00
MVS 2424	Applied Performance String Bass	120.00
MVS 1415	Applied Performance Harp	120.00
MVS 2425	Applied Performance Harp	120.00
MVS 1416	Applied Performance Guitar	120.00
MVS 2426	Applied Performance Guitar	120.00
MVV 1411	Applied Performance Voice	120.00
MVV 2421	Applied Performance Voice	120.00
MVW 1411	Applied Performance Flute	120.00
MVW 2421	Applied Performance Flute	120.00
MVW 1412	Applied Performance Oboe	120.00
MVW 2422	Applied Performance Oboe	120.00
MVW 1413	Applied Performance Clarinet	120.00
MVW 2423	Applied Performance Clarinet	120.00
MVW 1414	Applied Performance Bassoon	120.00
MVW 2424	Applied Performance Bassoon	120.00
MVW 1415	Applied Performance Saxophone	120.00
MVW 2425	Applied Performance Saxophone	120.00

6. Laboratory fees for the following courses:

ARC 1126C	Architectural Drawing I	20.00
ARC 1301	Architectural Design I	20.00
ARC 2461	Materials & Methods of Construction I	20.00
AST 1022L	Observational Astronomy	35.00
BCN 1251C	Construction Drawing	20.00
BCN 2055	Concrete Construction Methods	10.00
BOT 1000C	Botany with Lab	35.00
BSC 1005L	Biological Science Lab	35.00
BSC 1083L	Human Anatomy Lab	35.00
BSC 1085L	Human Anatomy and Physiology Lab I	35.00
BSC 1086L	Human Anatomy and Physiology Lab II	35.00
BSC 2010L	Biology I Lab - Cellular Processes	35.00
BSC 2011L	Biology II Lab - Organisms & Ecology	35.00
BSC 2250C	Field Biology of Florida Plants and Animals with Lab.	35.00
CHM 1025L	Introductory Chemistry Lab	35.00
CHM 1045L	General Chemistry and Qualitative Analysis Lab I	35.00
CHM 1046L	General Chemistry and Qualitative Analysis Lab II	35.00
CHM 2210L	Organic Chemistry Lab I	35.00
CHM 2211L	Organic Chemistry Lab II	35.00
FSS 2235C	Introductory Food Production Management	135.00
GLY 2010L	Physical Geology Lab	35.00
ISC 1001L	Methods of Science Lab	35.00
ISC 1141L	Earth Science Lab	35.00
MCB 2010L	Microbiology Lab	35.00
NUR 1001C	Orientation to Technical Nursing Clinical Experience	262.00
NUR 1021L	Nursing I Clinical Experience	262.00
NUR 1211L	Nursing II Clinical Experience	262.00
NUR 2061C	Health Assessment/Nursing Process	61.00
NUR 2293C	Perioperative Nursing	56.00
NUR 2462L	Nursing III Clinical Experience	262.00
NUR 2731L	Nursing IV Clinical Experience	262.00
NUR 3066C	Health Assessment	55.00
OCB 1000C	Biology of Marine Life	35.00
OCE 2001L	Oceanography Laboratory	35.00
PHY 1048L	Physics Laboratory I	35.00
PHY 1049L	Physics Laboratory II	35.00
PSC 1001C	Physical Science with Lab	35.00
TAR 2054C	Introduction to AutoCAD	75.00
TAR 2055C	Intermediate AutoCAD	75.00
TAR 2056C	Advanced AutoCAD	75.00
TAR 2057C	AutoCAD Architectural Desktop	75.00
TAR 2142C	Architectural 3D Modeling and Rendering	75.00
TAR 2144C	Architectural Animation	75.00

Veterinary Technology courses:

ATE 1110L	Animal Anatomy Lab	$87.00
ATE 1311L	Veterinary Office Procedures	87.00
ATE 1650L	Veterinary Clinical Practice I	87.00
ATE 1654L	Veterinary Clinical Practices II	87.00
ATE 1671L	Laboratory Animal Medicine	87.00
ATE 2638L	Animal Laboratory Procedure Lab	87.00
ATE 2639L	Animal Laboratory Procedures Lab II	87.00
ATE 2651L	Animal Nursing and Medicine Lab I	87.00
ATE 2653L	Animal Nursing and Medicine Lab II	87.00
ATE 2656L	Large Animal Clinical and Nursing Skills Lab	87.00

Health Information Management courses:

HIM 1000	Intro to Health Information Mgmt	$30.00
HIM 1031C	Medical Transcription I	30.00
HIM 1110	Classification Systems, Indexes & Registries	24.00
HIM 1211	Health Information Technologies	27.00
HIM 1800	Professional Practice Experience I	27.00
HIM 2032C	Medical Transcription II	24.00
HIM 2033C	Medical Transcription III	24.00
HIM 2035C	Medical Transcription IV	24.00
HIM 2200	Organization & Supervision	24.00
HIM 2222	Basic ICD Coding	16.00
HIM 2234	Advanced Coding & Reimbursement	41.00
HIM 2253	Basic CPT Coding	41.00
HIM 2510	Quality & Performance Improvement	24.00

Engineering Technology courses:

CET 1114L	Digital Laboratory	$30.00
CET 1486	Introduction to LANS	75.00
CET 1600	Network Fundamentals	200.00
CET 1610	Router Technology	500.00
CET 2489	Basics of Integrated Networks	75.00
CET 2615	Advanced Router Technology	500.00
CET 2620	Project Based Learning	300.00
CET 2625	Building Scalable CISCO Networks	999.00
CET 2626	Building CISCO Remote Access Network	999.00

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CET 2627	Building CISCO Multilayer Switched Network	999.00
CET 2628	CISCO Internetworking Troubleshooting Support	999.00
CET 2661	Secure Virtual Private Networks	500.00
CET 2665	Secure PIX Firewalls	500.00
CET 2670	Adv Topics in Routing Protocols (CCIE)	500.00
CET 2671	Border Gateway Protocol (BGP)	500.00
CET 2672	Open Shortest Path First (OSPF)	500.00
CET 2680	CISCO Works Software	500.00
CET 2681	Secure Intrusion Detection	500.00
CET 2682	CISCO Voice Over IP (VoIP)	999.00
CET 2685	Managing CISCO Network Security	500.00
CET 2755	Bridges, Routers and Gateways	75.00
CET 2940	Practicum in CISCO CCIE	500.00
EET 1015L	DC Circuit Laboratory	30.00
EET 1025L	AC Circuit Laboratory	30.00
EET 1205C	Electronic Instrumentation	30.00
EET 2140L	Solid State Lab	30.00
EET 2155L	Linear Circuits Laboratory	30.00
EET 2915L	Research Projects Lab	30.00
EGS 2122C	Geometric Dimensioning & Tolerancing	75.00
ETD 1320C	AutoCAD I	75.00
ETD 1325	AutoCAD Applications I	30.00
ETD 1326	AutoCAD Applications II	30.00
ETD 1350C	AutoCAD II	75.00
ETD 1355C	AutoCAD III	75.00
ETD 1360C	Advanced Solid Modeling	75.00
ETD 2359C	Introduction to SolidWorks	75.00
ETD 2365C	Mechanical Desktop with Inventor	75.00
ETI 1154C	Methods of Inspection & Measurements	75.00
ETI 2121C	Non-Destructive and Destructive Testing	75.00
ETI 2151C	Process Metrology	75.00
ETI 2718C	Introduction to Cleanroom Technology	75.00

On-Line Courses:
Lab fee per course $20.00

Telecourses:
Lab fee per course $20.00

7. Radiography Fees:

RTE 1000	Orientation to Radiography	$22.00
RTE 1418L	Principles of Imaging Lab	65.00
RTE 1473L	Radiographic Quality Assurance Lab	65.00
RTE 1804L	Radiography Clinical Education I	20.00
RTE 1814L	Radiography Clinical Education II	30.00
RTE 2824L	Radiography Clinical Education III	22.00
RTE 2834L	Radiography Clinical Education IV	20.00
RTE 2844L	Radiography Clinical Education V	30.00

8. Dental Hygiene Fees:

DEH 1003L	Dental Hygiene I Clinic	$54.00
DEH 1800L	Dental Hygiene II Clinic	81.00
DEH 2802L	Dental Hygiene III Clinic	68.00
DEH 2804L	Dental Hygiene IV Clinic	81.00
DEH 2806L	Dental Hygiene V Clinic	105.00
DES 1200L	Dental Radiography Laboratory	33.00
DES 2100L	Dental Materials Lab	33.00

9. Emergency Medical Services Program Fees:

EMS 1119L	Fundamentals of Emergency Medical Care Laboratory	$81.00
EMS 1421	EMT Field Internship	103.00
EMS 2601L	Paramedic Lab I	103.00
EMS 2602L	Paramedic Lab II	103.00
EMS 2659	Paramedic Field Internship	154.00

10. Respiratory Care Lab Fees:

RET 1874L	Clinical Practice I	$25.00
RET 1875L	Clinical Practice II	25.00
RET 2876L	Clinical Practice III	25.00
RET 2877L	Clinical Practice IV	25.00
RET 2878L	Clinical Practice V	25.00

11. Computer Lab Fees:

CEN 1300	Implementing & Supporting MS Windows XP Professional	695.00
CEN 1301	Managing & Maintaining a MS Windows Server 2003 Environment	695.00
CEN 1303	System Administration for MS SQL Server	695.00
CEN 1304	Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure	695.00
CEN 1305	Planning & Maintaining a MS Windows Server 2003 Network Infrastructure	695.00
CEN 1306	Microsoft Exchange Server 2003	695.00
CEN 1307	Creating and Configuring a Web Server Using Microsoft Tools	695.00
CEN 1308	Implementing Microsoft Internet Explorer	230.00
CEN 1309	Supporting MS Systems Management Server	695.00
CEN 1310	Fundamentals of Developing a Business To Consumer Solution With MS Commerce Server 2000	695.00
CEN 1316	Designing & Developing a MS Exchange Server Organization	695.00
CEN 1319	Updating Support Skills from MS Windows 2000 to MS Windows Server 2003	695.00
CEN 1320	Planning, Implementing & Maintaining a MS Windows Server 2003 Active Directory Infrastructure	695.00
CEN 1321	Designing a Microsoft Windows Server 2003 Active Directory & Network Infrastructure	695.00
CEN 1323	Designing Security for a MS Server 2003 Network	695.00
CEN 1511	Introduction to Server Administrator	225.00
CEN 1514	Intro to TCP/IP Concepts and Practices	225.00
CEN 1543	Intro to Internetworking Security	225.00
CEN 2331	Distributed Application & Database Design Using Microsoft Tools	695.00
CEN 2513	Advanced Server Administrator	225.00
CEN 2520	Advanced TCP/IP Concepts & Practices	225.00
CEN 2523	Local Area Network Administration	40.00
CEN 2524	Local Area Network Troubleshooting	40.00
CEN 2525	Advanced Internetworking Security	225.00
CET 1171C	Personal Computer Systems Repair I	60.00
CET 1172C	Personal Computer Systems Repair II	60.00
CET 2691	Laws and Legal Aspects of Information Technology Security	$695.00
CGS 1000	Introduction to Computers & Programming	40.00
CGS 1100	Microcomputer Applications	40.00
CGS 1103	Project Mgmt Using Software Tools	175.00
CGS 1172	E-Commerce Site Designer I	225.00
CGS 1490	User Centered Design and Testing	225.00
CGS 1491	Data Structures and Algorithms	225.00
CGS 1492	Object Oriented Programming & Design	225.00
CGS 1493	Introduction to Computer Systems	225.00
CGS 1510	Electronic Spreadsheet I	23.20
CGS 1515	Spreadsheet Tech. & Programming	40.00
CGS 1520	Microcomputer Business Graphics	23.20
CGS 1540	Microcomputer Database Mgmt. I	23.20
CGS 1545	Database Techniques & Programming	40.00
CGS 1560	Microcomputer Operating Systems	40.00
CGS 1824	Web Foundations	225.00
CGS 1930	Micro Systems Software	23.20
CGS 1931	Advanced Micro Systems Software	23.20
CGS 1932	Introduction to Design Software	23.20
CGS 1935	Visual Design for the Internet	40.00
CGS 1936	Interactive Web Page Creation: CGI Scripts Using PERL	60.00
CGS 1937	CGI Scripts Using PERL II	60.00

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CGS 2103	Advanced Microcomputer Applications	60.00
CGS 2173	E-Commerce Site Designer II	225.00
CGS 2402	Programming in C++ for Business	40.00
CGS 2820	Site Designer I	225.00
CGS 2821	Site Designer II	225.00
CIS 1341	Unix/Introduction	23.20
CIS 1350	Network Defense and Countermeasures	695.00
CIS 1353	Network Security Auditing, Attacks, and Threat Analysis	695.00
CIS 1354	Intro to Network Security Foundations	695.00
CIS 1355	Security Engineering	695.00
CIS 1356	Network Security and Firewalls	695.00
CIS 1358	Operating Systems Security	695.00
COP 1001	Perl Fundamentals	225.00
COP 1006	Introduction to Information System	225.00
COP 1120	COBOL Programming I	40.00
COP 1344	Unix/Shell Programming	23.20
COP 1361	Object Oriented Analysis and Design	225.00
COP 1606	QA Software Testing Concepts	275.00
COP 1607	Software Specification, Test & Mntnce	325.00
COP 1608	Methods of Software System Testing	275.00
COP 1610	System Level Programming	325.00
COP 1631	Networks and Distributed Computing	325.00
COP 1700	Database Systems	325.00
COP 1803	JavaScript Fundamentals	225.00
COP 1822	Intro to Web Page Creation	23.20
COP 1826	Web Graphics Design I	40.00
COP 1827	Web Graphics Design II	40.00
COP 1829	Web Graphics I	23.20
COP 1830	Dynamic Server Pages	225.00
COP 1941	Website Creation Practicum	23.20
COP 2010	Visual Basic for Windows I	40.00
COP 2011	Visual Basic for Windows II	40.00
COP 2222	Advanced C ++ Programming for Business	40.00
COP 2224	C++ Windows Programming for Business	40.00
COP 2250	Java Programming I	60.00
COP 2253	Java Programming Fundamentals	225.00
COP 2340	Fundamentals of the Linux/Unix Operating Environment	600.00
COP 2341	Unix System Administration I	600.00
COP 2344	Shell Programming for System Admin	600.00
COP 2345	Unix System Administration II	600.00
COP 2347	Linux/Unix Network Administration	600.00
COP 2360	Introduction to C# Programming	40.00
COP 2403	P/C Assembler	40.00
COP 2600	Object Oriented Web Programming	40.00
COP 2701	Access Database Programming	40.00
COP 2705	Programming a Database on Microsoft SQL Server	695.00
COP 2706	Mastering Enterprise Development Using Microsoft Visual Basic 6	695.00
COP 2712	Database Design Methodology	225.00
COP 2740	Introduction to Oracle: SQL & PL/SQL	595.00
COP 2741	Oracle Fundamentals I: Architecture & Administration	595.00
COP 2742	Oracle Fundamentals II: Backup and Recovery with Networking	595.00
COP 2744	Oracle Performance Tuning	595.00
COP 2745	Oracle 9i:Program with PL/SQL	595.00
COP 2746	Oracle 9i: Forms Developer Build Internet Applications I	595.00
COP 2747	Oracle 9i: Forms Developer Build Internet Applications II	595.00
COP 2748	Oracle 9i: Reports Developer Build Reports	595.00
COP 2762	Oracle Database Administrator Certified Professional Upgrade	595.00
COP 2763	Oracle Net Services: Advanced Administration	595.00
COP 2800	JAVA Programming II	60.00
COP 2801	JavaScript	60.00
COP 2806	Java Server Pages and Servlets	40.00
COP 2807	Distributed Object Computing Using CORBA and Java	225.00
COP 2809	Enterprise Java Beans	225.00
COP 2823	Advanced Web Page Creation	90.00
COP 2824	Web Site Development Using Microsoft Visual Interdevelopment	695.00
COP 2837	Visual Basic.Net Programming I	40.00
COP 2838	Visual Basic.Net Programming II	40.00
COP 2839	ASP.NET Programming with VB.NET	40.00
CTS 1101	Basic Computer and Information Literacy	23.20
CTS 1103	Fundamentals of CGI Using PERL	225.00
CTS 2160	Linux/Unix Domain Name Service (DNS) Administration	600.00
CTS 2220	Advanced Word (Microsoft Specialist)	60.00
CTS 2261	Advanced Excel (Microsoft Specialist)	60.00
CTS 2301	Linux Network File System (NCS) and Automounter	600.00
CTS 2311	Linux/Unix System Security	600.00
CTS 2321	Linux System Administration I	600.00
CTS 2322	Linux System Administration II	600.00
CTS 2430	Oracle 8i for Linux	600.00
CTS 2431	Advanced Access (Microsoft Specialist)	60.00
CTS 2432	Bldg Database Client Applications Using JDBC	225.00
CTS 2570	Advanced PowerPoint (Microsoft Specialist)	60.00
CTS 2760	Outlook (Microsoft Specialist)	23.20
CTS 2813	Linux/Unix Apache Web Server Admin	600.00
CTS 2820	Building Com+ Windows Components Using Visual Studio.NET	695.00
CTS 2821	XML Web Services and ADO.NET	695.00
EME 2040	Introduction to Educational Technology	40.00
ISM 1311	Foundations of IT Project Management	175.00
ISM 1322	Software Development Risk Assessment & Management	275.00
ISM 1484	E-Business for IT Project Managers	175.00
ISM 1531	Enterprise Resource Planning for IT Project Managers	175.00
MAN 1044	Managing Project Quality	175.00
MAN 1122	Leadership Skills for Project Managers	175.00
MAN 1551	Introduction to Quality Assurance	275.00
MAN 1552	QA Work Processes and Standards	275.00
MAN 1553	Improving Quality and Productivity Using Measurement	275.00
MAN 1582	Software Project Organization & Management	325.00
OST 1100	Keyboarding I	40.00
OST 1110	Keyboarding II	40.00
OST 1714	Information Processing Applications I	40.00
OST 1718	Information Processing Applications II	40.00
OST 1741	Microcomputer Word Processing I	23.20
OST 1742	Microcomputer Word Processing II	23.20
OST 1793	Internet Orientation	23.20
OST 1810	Desktop Publishing I	23.20
OST 1812	Desktop Publishing II	23.20

12. Criminal Justice Technology Lab Fees:

CJD 1254	Medical First Responder	$ 15.00
CJD 2704	Criminal Justice Defensive Tactics	25.00
CJD 2705	Criminal Justice Weapons	175.00
CJD 2723C	Vehicle Operations	30.00
CJD 2741	Correctional Emergency Preparedness	10.00
CJT 1110	Introduction to Crime Scene Technology	15.00
CJT 1111	Advanced Crime Scene Technology	15.00
CJT 1220	Crime Scene Photography I	70.00
CJT 1221	Crime Scene Photography II	33.00
CJT 2112	Crime Scene Safety	10.00
CJT 2113	Courtroom Presentation of Scientific Evidence	10.00
CJT 2141	Introduction to Forensic Science	10.00
CJT 2240	Fingerprint Classification	15.00
CJT 2241	Latent Fingerprint Development	25.00
CJT 2260	Biological Evidence	10.00

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13. Legal Assistant Lab Fees:

PLA 1730	Computerized Legal Research	$35.00

14. Physical Therapist Assistant Lab Fees:

PHT 1121L	Functional Anatomy Lab	$11.00
PHT 1200L	Basic Patient Care Laboratory	89.00
PHT 1217L	Physical Therapy Principles and Procedures Laboratory	95.00
PHT 1801L	PT Clinical Practice I	7.00
PHT 2220L	Therapeutic Exercise Lab	117.00
PHT 2810L	PT Clinical Practice II	7.00
PHT 2820L	PT Clinical Practice III	7.00

15. English as a Second Language Lab Fees:

EAP 0200	Basic Listening/Speaking	$20.00
EAP 0295	Basic English As A Second Language I	60.00
EAP 0300	Intermediate Listening/Speaking I	20.00
EAP 0395	Basic English As A Second Language II	60.00
EAP 0400	Intermediate Listening/Speaking II	10.00
EAP 0495	Intermediate English As A Second Language	60.00
EAP 1500	Advanced Listening/Speaking	10.00
EAP 1595	Advanced English As A Second Language I	60.00
EAP 1695	Advanced English As A Second Language II	10.00

16. Student Life Skills Testing Fees:

SLS 1301	Career and Life Planning	$15.00

17. Funeral Services Lab Fees:

FSE 2101L	Embalming Clinical I	$85.00
FSE 2120L	Restorative Art Laboratory	60.00
FSE 2141L	Embalming Clinical II	85.00
FSE 2946	Professional Practicum	40.00

18. Sign Language Interpretation Lab Fees:

EHD 1400L	Practice Interpreting	$15.00
SPA 1612L	Basic American Sign Language Lab	15.00
SPA 1613L	Intermediate American Sign Language Lab	15.00
SPA 1614L	Advanced American Sign Language Lab	15.00

19. Veterinary Technology Distance Education Lab Fees:

ATE 1110	Animal Anatomy	26.00
ATE 1110L	Animal Anatomy Lab	26.00
ATE 1211	Animal Physiology	26.00
ATE 1311L	Veterinary Office Procedures	26.00
ATE 1636	Large Animal Clinical and Nursing Skills	26.00
ATE 1650L	Veterinary Clinical Practice I	26.00
ATE 1654L	Veterinary Clinical Practice II	26.00
ATE 1671L	Laboratory Animal Medicine	26.00
ATE 1741	Veterinary Medical Terminology	26.00
ATE 1943	Veterinary Work Experience I	26.00
ATE 1944	Veterinary Work Experience II	26.00
ATE 2501C	Professional Development Seminar	26.00
ATE 2611	Animal Medicine I	26.00
ATE 2612	Animal Medicine II	26.00
ATE 2631	Animal Nursing I	26.00
ATE 2634	Animal Nursing II	26.00
ATE 2638	Animal Laboratory Procedure I	26.00
ATE 2638L	Animal Laboratory Procedure Lab	26.00
ATE 2639	Animal Laboratory Procedures II	26.00
ATE 2639L	Animal Laboratory Procedures Lab II	26.00
ATE 2651L	Animal Nursing & Medicine Lab	26.00
ATE 2653L	Animal Nursing & Medicine Lab II	26.00
ATE 2656L	Large Animal Clinical and Nursing Skills Lab	26.00
ATE 2661	Large Animal Diseases	26.00
ATE 2710	Animal Emergency Medicine	26.00
ATE 2722	Avian & Exotic Pet Medicine	26.00
ATE 2945	Veterinary Work Experience III	26.00
ATE 2946	Veterinary Work Experience IV	26.00

20. Medical Laboratory Technology Distance Education Lab Fees:

MLT 1022L	Intro to Clinical Lab Science Lab	20.00
MLT 1610L	Clinical Chemistry Laboratory	20.00
MLT 2362L	Hematology & Body Fluid Analysis Lab	20.00
MLT 2400L	Clinical Microbiology Lab	20.00
MLT 2530L	Immunology/ImmunohematologyLab	20.00

21. Early Childhood Education Lab Fees:

EDF 1005	Introduction to Education	$10.00
EDG 2701	Teaching Diverse Populations	15.00
EEC 2002	Foundations of Child Care and Education Administration	10.00
EEC 2523	Leadership and Management of Child Care Programs	10.00

22. College of Education

A. Course Fees:

BSC 4032	Issues and Challenges in Science Education	$ 50.00
EDF 3214	Student Development & Learning Principles K-12	50.00
MHF 4404	Perspectives in Mathematics	50.00
PCB 3063C	Genetics with Lab	115.00
RED 4511	Intermediate Literacy 3-6; Reading and Thinking	50.00

B. Other Fees:

FDLE and FBI Background checks		33.00

23. Technology Management Lab Fees:

A. Blended

ETI 3124	Effective Software Testing Methodologies	$78.00
ETI 4448	Applied Project Management	126.00
FIN 3400	Finance for Managers	78.00
ISM 3203	Data Analysis & Information Modeling	78.00
ISM 3232	Advanced Business Application Development	78.00
ISM 3401	Business Architecture and Process Modeling	78.00
ISM 3432	Applied IT Quality Assurance Methodology	78.00
ISM 3930	Seminars in Technology Management	50.00
ISM 4212	Database Design and Operations	78.00
ISM 4220	Network Management for Information Professionals	98.00
ISM 4234	Software Development Management	98.00
ISM 4301	Managing Information Resources & Services	78.00
ISM 4323	Security Essentials	103.00
ISM 4480	Electronic Commerce Systems & Strategies…..	78.00
ISM 4881	Senior Capstone Project	50.00
MAN 3240	Applied Organizational Behavior	25.00
MAN 3504	Operations Management: An Enterprise Overview	98.00
MAN 3949	Cooperative Work Experience Tech Mgmt	50.00
MAN 4151	Motivational and Team Bldg Strategies	20.00

B. Online*

ETI 4448	Applied Project Management	48.00
ISM 3930	Seminars in Technology Management	50.00
ISM 4220	Network Management for Information Professionals	20.00
ISM 4234	Software Development Management	20.00
ISM 4323	Security Essentials	25.00
ISM 4881	Senior Capstone Project	50.00
MAN 3240	Applied Organizational Behavior	25.00
MAN 3504	Operations Management: An Enterprise Overview	20.00
MAN 3949	Cooperative Work Experience Tech Mgmt	50.00
MAN 4151	Motivational and Team Bldg Strategies	20.00

*The foregoing online courses will also be subject to the $20.00 online fee as listed in this Rule.

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K. Other Fees:
1. Health achievement tests
NUR 1001C Orientation to Technical Nursing Clinical Experience 63.00
NUR 1021 Nursing I 63.00
NUR 1211L Nursing II Clinical Experience 63.00
NUR 2462L Nursing III Clinical Experience 63.00
NUR 2731L Nursing IV Clinical Experience 63.00
NUR 3805 Professional Roles & Dimensions of Nursing Practicum 25.00
NUR 4835L Leadership Practicum 50.00
RET 2879L Clinical Practice VI 390.00
2. Computer/Information Literacy Examination Fee $10.00
3. Credit by internal examination for examinations other than those administered in the secondary schools of Pinellas County - See Experiential Learning Program (ELP) "8.a" and "8.b" below
4. Duplicate diploma fee $15.00
5. Duplicate transcript fee $5.00
Students who request more than 5 transcripts at one time will be assessed the $5 charge noted above for each additional transcript.
6. Certification fees:
EMS 1119L Fundamentals of Emergency Medical Care Laboratory $19.00
7. Non-student CLAST administration fee $25.00
8. Assessment of Prior Learning /Experiential Learning Program (ELP) fees:
a. Processing Fee (includes materials and/or processing) $5.00
b. Evaluation fee (per credit hour) 25.00
ELP fees will be waived for students who have attended SPC's Academy programs.
9. Other special fees for food products, supplies and equipment may be authorized by the Board as a part of curriculum approval.
10. Career Assessment Testing
a. Students $25.00
b. Non-students 35.00
11. Criminal Background and Drug Testing for Allied Health, Nursing, Veterinary Technology and Funeral Services programs.
Waiting List Acceptance Tests $65.00

L. Postsecondary Adult Vocational Courses (per contact hour)
1. Florida residents ..... $ 1.55
2. Non-Florida residents 6.21

M. Miscellaneous Charges (College Policy 6Hx23-5.171)
1. Duplication of Public and Student Records, per page with a charge of ..... $ .15
(Additional charges may be made for unusual, extensive, certified or other requests as authorized by F.S. 119.07.)
2. Dishonored Check Charge $25.00
3. Credit Card Charge Back $25.00
4. Library Borrower's Card for Non-students and Nonstaff (BOT Rule 6HX23.3.05) $15.00
5. Dental Hygiene (Teeth Cleaning Charges, including Optional bite-wing x-rays) Adults and children $22.00
6. Dental Hygiene – full mouth x-ray, each $10.00
7. Test of English as a Foreign Language (TOEFL) Photo File Record ..... $ 7.00
8. Charge for testing non-SPC students, per test (e.g. correspondence, on-line or distance courses) 20.00
9. Resume writing services (for student) $10.00
(for non-student) $20.00
10. Rental of eye protection equipment (per day) – Firing Range ..... $ 1.00
Rental of ear protection equipment (per day) – Firing Range ..... $ 2.00
11. Physical Therapy
Patient Evaluation $10.00
Patient Treatment Session $7.00
12. CLEP Testing Fee (waived for Bright Futures*) $12.00

*Bright Futures includes Florida Merit and Florida Academic Scholars

St. Petersburg College accepts MasterCard and Visa credit cards for payment of fees and certain other financial obligations.

Students may use personal checks to make payment for fees. Stopping payment on the check will not relieve the student of the obligation and may result in the placing of all the student's records on "hold." All drops or withdrawals must be done through the admissions/registration office by the official due date.

STUDENT FEES – TRANSFERS AND REFUNDS

(College Policy 6Hx23-5.19)

I. **Credit Courses:**
A. Transfers will be made as follows:
The President or designee is authorized to make a 100% nonrefundable transfer of matriculation/tuition fees to the subsequent session for documented extenuating circumstances in accordance with P6Hx23-5.19. Such transfer is permitted between the end of the drop-add period, as defined in (C) below and the last day to voluntarily withdraw from classes.
B. Refunds will be made as follows:
1. The President or designee is authorized to make a 100% refund of matriculation/tuition fees prior to the end of the drop-add period, as defined in (C) below.
2. The President or designee is authorized to make a 100% refund of matriculation/tuition fees for documented extenuating circumstances in accordance with Procedure P6Hx23-5.19 to students who will be unable to attend a subsequent session due to these extenuating circumstances. Such refund is permitted between the end of the drop-add period and the last day to voluntarily withdraw from classes.
C. The drop-add period for credit courses shall be designated as follows:
1. Session I, II, III and express session(s) course – the dates specified in the official college calendar.
2. Modmester course – one (1) week after the beginning date of courses scheduled to run longer than one (1) week. Prior to the second class meeting for courses scheduled to run less than one (1) week.
3. Open enrollment courses – one (1) week after the student's registration or the appropriate dates specified under (1) above, whichever is later.

II. **Non-credit courses:**
The President or designee is authorized to make the following refunds:
A. A 100% refund for seminars and institutes (meetings for one day or several successive days) if the request is received prior to the first class meeting.
B. A 100% refund for non-credit classes (meeting once or twice a week for several weeks) if the request is received prior to the second class meeting.
C. A 100% refund of matriculation/tuition fees for documented extenuating circumstances in accordance with Procedure P6Hx23-5.19.

III. All registration fees will be refunded in full in cases of college error.

IV. Application fees will be refunded in cases:
A. of College error.
B. where the class for which the applicant registered is cancelled.
C. where the class is full.

V. Deduction from authorized refunds will be made for unpaid accounts due the College.

VI. Refunds to students will be made only for fees actually paid by or on behalf of the student from a source other than financial aid.

VII. Refunds of $5.00 or less will be paid upon request only. When such refunds are not claimed within one (1) year, the College may assess an unclaimed refund fee of $5.00 or the amount of the refund, whichever is less.

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Transfers

If one of the following extenuating circumstances can be shown to exist a transfer of fees may be approved:

1. Serious illness of the student
2. Serious injury to the student
3. Death of the student
4. Incapacitation of a close family member
5. Death of a close family member
6. Orders to active military duty as a result of national, state or local emergency.

Students should see the associate provost or provost for a refund of fees or transfer following the end of the drop/add period.

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SCHOLARSHIPS AND STUDENT FINANCIAL ASSISTANCE

Clearwater Campus, AD 154: (727) 791-2485
St. Petersburg/Gibbs Campus, AD 102: (727) 341-4634
Seminole Campus, UP 132: (727) 394-6251
Tarpon Springs Campus, AD 126: (727) 712-5709
Director, AD 153, Clearwater Campus: (727) 791-2443

Financial assistance consists of scholarships, grants, and loans or paid employment offered to help a student meet college expenses. Such assistance is usually provided by or through federal and state agencies, foundations, corporations, private donors and the college itself.

The amounts and types of financial assistance that a student receives are determined through federal, state and institutional guidelines and are offered to students in combinations or "packages" which may consist of grants, scholarships, loans and employment designed to help students meet educational expenses. Grants and scholarships are regarded as "gift" assistance and need not be repaid, although they may carry certain provisions to which one must adhere. Loans are usually offered at low interest rates and can be repaid over an extended period of time. Where assistance is offered in the form of a job, the student is paid an hourly rate for work performed.

Philosophy of Financial Assistance

The St. Petersburg College program of financial assistance exists to provide students who, for lack of funds, would be unable to attend. Financial assistance is offered based upon "financial need" as determined by the federal government's system of need analysis.

What is Financial Need?

Financial need is the difference between the cost of education and the amount the student (and parents) can be expected to contribute toward the educational costs of attending college. St. Petersburg College uses the Free Application for Federal Student Aid (FAFSA) which determines financial need based on federal regulations and information supplied by you and/or your family. The College expects that you and your family will contribute to your fullest from income and assets in meeting expenses. Also, it is your responsibility to apply for any additional assistance for which you may be eligible and to report that assistance to the Scholarships and Student Financial Assistance office.

How to Apply

In order to apply for the Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Florida Student Assistance Grant, Federal Work-Study Program, Federal Stafford Loan and some college awards, you must complete the following form:

The Free Application for Federal Student Aid (FAFSA). This application is available from your high school or college Scholarships and Student Financial Assistance Office or you can complete this application on-line at www.fafsa.ed.gov. It is completed by you and your family and mailed to the processor. Results of the federal analysis are sent directly to you in the form of a Student Aid Report (SAR).

The FAFSA and any other requested documents should be filed according to instructions as soon as possible after January 1 for the college year beginning in August. Some programs have limited funding so it is strongly recommended that you apply early. Priority is given to students whose files are complete by April 15. However, anyone who needs assistance should apply regardless of the date when you begin college. Remember, you must apply for aid each academic year.

Who Qualifies for Financial Assistance?

Generally, to qualify for federal, state and institutional aid, you must meet the following requirements:

1. demonstrate financial need according to a financial needs analysis system;
2. be enrolled and attending classes - some institutional and state programs require full-time enrollment (12 hours per semester);
3. be a degree seeking student (either B.S., B.A.S, A.A., A.S. or A.A.S. degree);
4. maintain satisfactory academic progress in your course of study;
5. not be in default or owe a repayment on any Title IV funds received at any institution; and
6. be a United States citizen or a permanent resident of the United States or Trust Territories.

To qualify for financial assistance, students who are not high school graduates or who do not possess the GED, must demonstrate ability to benefit from college level programs at SPC by passing the College Placement Test with minimum scores as specified in College Procedures.

Standards of Academic Progress

Federal regulations require that students demonstrate that they are moving through their academic program at a reasonable rate or are "making progress" toward their degree. Financial Aid Standards of Academic Progress is applicable regardless of whether or not the student is receiving financial assistance. Financial Aid Standard's of Academic Progress is determined at the end of Spring Semester. Therefore, the college has established a grade point average that a student must attain as he or she progresses. In determining required grade point average, only grades of A, B, C, D and F are considered. All other grades, i.e., W, I, S, P and X do not affect the grade point average. Further, we have established that students must complete 50 percent (1/2) of the course work that they attempt each semester to continue to qualify for assistance. In determining the 50 percent completion rate, only grades of A, B, C, D, F, N and S will be taken into consideration. All other grades, i.e., I, W, X and NG do not satisfy the completion rate requirement. Courses taken on an audit basis (grade of "X") cannot be counted in financial assistance calculations.

Students who obtain a Pell Grant, Stafford Loan and/or Federal Supplemental Educational Opportunity Grant may be required to refund to the Department of Education a portion or all of their financial aid if they withdraw completely from classes before the 60% point. A student also may be required to repay funds to the College. For students considering totally withdrawing from the College, it is important to consult the Scholarships and Student Financial Assistance office on his/her home campus or center to understand the options and the consequences of total withdrawal.

A student who fails to complete the Financial Aid Standard of Academic Progress requirement will not be eligible for future financial assistance until he/she successfully completes 50% of the hours attempted in one year and has a cumulative grade point average equal to the credit hour interval indicated in the chart below. Generally, students in an AA, AS or AAS program may not receive financial assistance at SPC if they have attempted more than 90 credits and students enrolled in a BS or BAS program are limited to 180 credits.

Credit Hours Earned	Required Cumulative Grade Point Average
Up to 15	1.50
By 30	1.75
By 45	1.90
By 60	2.00

Special exceptions to the standards may be granted for extenuating circumstances provided that the student documents the facts during the year in question. All appeals must be made at the campus Scholarships and Student Financial Assistance office.

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How and When Assistance is Delivered to Students

1. Employment — Checks for students under Federal Work-Study and Student Assistance may be picked up bi-weekly where the student works.
2. Grants — Students receiving PELL or Supplemental Educational Opportunity grants are paid as follows:
   a. Deductions are first made for obligations such as tuition, etc.
   b. The balance will be available to students in a check before mid-session.
3. Loans — All checks are delivered to the student at the campus or center business office.

TYPES OF FINANCIAL ASSISTANCE

GRANTS

1. **FEDERAL PELL GRANT**—This is a federal program of gift assistance based upon financial need. Awards range from $400 to approximately $4,000 per year. Once a student completes the FAFSA, a standardized formula is used to determine eligibility for the Pell Grant. Results of the federal analysis (SAR) are mailed to the student.
2. **FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT**—This federal gift assistance program is awarded to students based on extreme financial need who are Pell eligible. Students are automatically considered for this grant based on their Student Aid Reports. Students with the greatest need are awarded these limited funds.
3. **FLORIDA STUDENT ASSISTANCE GRANT PROGRAM**—This grant based on financial need is awarded by the Florida Department of Education. FAFSA must be processed by May 15. To be considered for this grant a student must be a one-year Florida resident, a full-time student (12 credit hours), have and maintain a 2.0 cumulative and term grade point average.
4. **FLORIDA BRIGHT FUTURES SCHOLARSHIP PROGRAM**—Three levels of scholarships are awarded by the State based on high school grade point average, test scores and curriculum. For specific information contact your high school counselor or the Florida State Department of Education.

LOANS

St. Petersburg College participates in the Federal Family Education Loan Programs. This includes the Federal Stafford Loan (subsidized and unsubsidized) and the Federal Parent Loan for Undergraduate Students. Students and parents borrow funds through private lenders in amounts determined by Federal regulations.

1. **FEDERAL STAFFORD LOAN**: Students applying for funds through this program should complete the Free Application for Federal Student Aid and indicate their interest on the Loan Request Form. Once the student's file is complete, his/her loan eligibility will be determined. The student will be sent a promissory note, which he/she must complete, sign and mail back to the appropriate agency. Note: Because of the time necessary to process loans, both the request for a loan as well as the completed financial aid file must occur at least 6 weeks before the beginning of a term. Anything received after this date will result in not having loan proceeds available at the beginning of the term.
   The subsidized Federal Stafford Loan is based on financial need. Students are not responsible for payments on principal or interest, which accrue on the loan while they are in school on at least a half-time basis. Payments begin 6 months after the student graduates or drops below half time. The unsubsidized Federal Stafford Loan is not based on financial need. However, students are responsible for the interest, which accrues on the loan while they are in school. Payments on principal begin six months after the student graduates or drops below half time.
2. **FEDERAL PLUS LOANS**: These loans are available for parents of dependent students to provide additional funds for educational expenses. PLUS borrowers do not have to demonstrate financial need. The student's eligibility for the Federal Stafford Loan must be determined via completion of the FAFSA before the PLUS application can be processed. The parent may have to undergo a credit analysis. The cost of attendance, less financial assistance, can be borrowed at a variable interest rate. Repayment begins as soon as the loan is received.
3. **SHORT-TERM LOANS OBTAINED THROUGH THE COLLEGE**: Limited short-term loan funds exist to cover in-state fees for students registered at least half-time (six credit hours). A $20.00 non-refundable application/service fee is charged at the time the student takes out the loan. The loan is due within 60 days from the beginning of each session and is available for students with severe financial hardships. Loans must be repaid before a student can register for the next session. Applications are available at the campus Scholarships and Student Financial Assistance office.

EMPLOYMENT

1. **FEDERAL WORK-STUDY PROGRAM**—This federal, need-based program is designed to provide part-time employment for students. Jobs are available at all campus sites and approved students may work up to 15 hours per week. Participation in the FWS program is also contingent on possessing the skills to do the job as well as performing in a satisfactory manner. You are encouraged to check with your home campus Scholarships and Student Financial Assistance office for specific openings.
2. **STUDENT ASSISTANT PROGRAM**—Students are placed in jobs throughout the college on this program by the Scholarships and Student Financial Assistance office. Interested students should check with the Scholarships and Student Financial Assistance office for details. Students may work up to 15 hours per week. Hiring is based on skills rather than financial need.

AWARDS, SCHOLARSHIPS AND GRANTS

Numerous awards, scholarships and financial grants are available to assist SPC students in meeting their educational expenses. These financial assistances fall into 5 basic categories.

1. **DEPARTMENTAL AWARDS**

   William Alborg Memorial Award—Established to honor the memory and work of St. Petersburg College's Professor William Alborg. Value varies. Awarded to a steller St. Petersburg/Gibbs Campus reading student.

   Edna Allwurden Andrews Memorial Mathematics Award—Established by her daughter, Bunny Andrews Schroeer, son-in-law Dietrich Schroeer and two grandchildren Karsten and Alison Schroeer, to honor the memory of Mrs. Edna Allwurden Andrews, an alumna of SPC and Pinellas County teacher for 32 years. Mathematics faculty will nominate and select recipients. Contact the St. Petersburg/Gibbs Campus. Value varies.

   Apollo Award—Given by the SPC Alumni Association to the outstanding graduating sophomore based on scholastic excellence, leadership and student activity; a plaque and a monetary award are presented. Nominations made to the Office of Institutional Advancement.

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Creative Writing Award—Offered by the Communications Program: "Writer of the Year" from Obelisk; student receives award; name engraved on Carolyn Parker Plaque, St. Petersburg/Gibbs Campus.

Virginia E. Follin English Award—$100; Communications Program. A Clearwater Campus graduating sophomore; English major; based on ability, leadership and financial need.

Mary C. Galbraith Alpha Delta Kappa, Theta Chapter Award—$250; graduating sophomore; pursuing teaching career; resident of upper Pinellas County; overall 3.0 average or above. See Clearwater Campus Scholarships and Student Financial Assistance office.

Helen and Donald H. Gilbart Awards for Excellence—Awarded to Learning Support Center Tutor of the Year; Honors Interdisciplinary Studies outstanding first and second year students; and Woman-On-the- Way outstanding students going into the helping professions. Selected by Clearwater Campus faculty groups within each department.

Joseph W. Howland Mathematics Award—$100, Clearwater Campus student who has successfully completed at least one developmental math course and succeeded in college-level coursework; overall 3.0 average; recommended by mathematics faculty. Contact Clearwater Campus Mathematics Program Office.

William Ketchum Memorial Award—Established in memory of a former SPC instructor. Awarded to a St. Petersburg/Gibbs campus mathematics student. Contact the program office.

Florence C. Ballenger Learning Support Center Achievement Awards—Established in 1999 from the estate of longtime educator, volunteer and friend of SPC, Florence Coles Ballenger.

Helen K. Leslie Award—Established by the St. Petersburg Evening Business and Professional Women to honor the outstanding business leader, Helen Krauss Leslie, this $500 award is available for students majoring in business. Contact the Business faculty of any campus.

Mathematics Award—$200; mathematics major registered at the St. Petersburg/Gibbs Campus, freshman or sophomore, who plans to teach mathematics.

Dr. Theodore Mazzu Award—Awarded annually to "the most outstanding student on Clearwater Campus," selected by Clearwater Campus Scholarship Committee. Value varies.

Carolyn Parker Memorial English Award—St. Petersburg/Gibbs Campus; graduating English major; award based on overall academic, creative performance and contributions to English activities.

Mary Rowena Perrin Memorial Humanities Award—$100; Clearwater Campus graduating sophomore, Humanities/Fine Arts major; award based on academic achievement. Contact Clearwater Campus Humanities/Fine Arts Program Office.

Phi Theta Kappa Scholarship Award—The Alpha Zeta Tau Chapter of Phi Theta Kappa (PTK), a national honor fraternity, presents a $100 award to the student who best exemplifies the finest intellectual, cultural and educational contributions to the Tarpon Springs Center. Student must be registered at the Tarpon Springs Center. Contact counselor at Tarpon Springs Center.

William R. Rice Mathematics Award—Established in memory of William R. Rice, a mathematics professor for 33 years at SPC. Awards are given to deserving mathematics students. Recipients will be selected by recommendations from mathematics faculty committee. Value varies. Contact St. Petersburg/Gibbs Mathematics Program Director.

Sealund & Associates Award—To be awarded to a Seminole Campus student seeking a degree in Digital Media. Contact the Seminole Campus Provost Office for further details.

Shrider Mathematics Award—Mathematics major registered at the Clearwater Campus, freshman or sophomore, who plans to teach mathematics.

District Chief Frank Spirek Memorial Award—Established by family, this award will recognize a SPC student working toward a career goal of Fire Officer with demonstrated academic ability. Contact the Fire Science Department for further information.

SPC-Seminole Campus Eagle Scholarship—Available to a full-time, rising sophomore (over 30 credit hours) SPC student attending the Seminole Campus and/or eCampus in the previous fall or spring. Student must have a 3.0 or better GPA and demonstrate leadership and service to the Seminole Campus. Contact the Seminole Campus Provost Office for more information.

Lily and Isaac Varon Award—Established to honor an outstanding international student from South America. Award is $600 per year. For more information contact the International Center or Student Activities Office.

Scott Walling Speech Award—$100, Clearwater Campus student excelling in Speech. Based on grades and excellence in public speaking with interest in continuing these skills. Contact Clearwater Campus Humanities/Fine Arts Program Director.

2. **INSTITUTIONAL SCHOLARSHIPS**—scholarships are awarded by the College or by individual departments at SPC on the basis of need and/or academic achievement. Criteria and amounts vary and are contingent upon available funding.

Trustee Scholarships—The President is authorized to award scholarships to graduates of Pinellas County Schools who have received a regular high school diploma, are U.S. citizens or permanent resident aliens and have demonstrated academic excellence. This scholarship is established for students who achieve a weighted cumulative grade point average of at least 3.80 at the end of the seventh semester of high school. This scholarship is effective for Sessions I and II of the academic year following high school graduation, and it is limited to a total of 30 semester hours with no more than 15 semester hours being used from the scholarship in a session for matriculation fees only. Specific criteria may be obtained by contacting the office of the Director of Scholarships and Student Financial Assistance. See BOT Rule 6Hx23-4.49 for further information.

Presidential Scholarships—The President is authorized to award scholarships to graduates of Pinellas County Schools who have received a regular high school diploma, are U.S. citizens or permanent resident aliens and have demonstrated academic excellence. This scholarship is established for students who achieve a weighted cumulative grade point average of at least 3.5 at the end of the seventh semester of high school. This scholarship is effective for Session I of the academic year following high school graduation, is limited to a total of 15 semester hours and is for matriculation fees only. Specific criteria may be obtained by contacting the office of the Director of Scholarships and Student Financial Assistance. See BOT Rule 6Hx23-4.49 for further information.

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Johnnie Ruth Clarke Scholarships—The President is authorized to grant these scholarships to disadvantaged and/or under represented Pinellas County middle school students who graduate from a Pinellas County high school with a standard high school diploma, are U.S. citizens or permanent resident aliens and have demonstrated academic potential by achieving a weighted cumulative grade point average of at least 3.00 at the end of the seventh semester of high school. Subject to meeting the above requirements, middle school students shall be identified and awarded the scholarship beginning the third semester of middle school through the sixth semester of middle school. This scholarship is effective beginning Session I of the academic year following graduation from high school. The scholarship is limited to $2,200 ($1,100 each of the two (2) academic years). Specific criteria may be obtained by contacting the office of Scholarships and Student Financial Assistance. See BOT rule 6Hx23-4.492 for further information

Activities Scholarships—Special student activities scholarships are awarded in an amount generally sufficient to cover tuition and fees to students who perform certain requirements in the particular activity indicated. These scholarships are:

Activity	Apply to:
Athletics	Director of Athletics
Band/Chorus	Faculty Advisor
Brain Bowl	Faculty Advisor
Forensics	Faculty Advisor
Obelisk	Faculty Advisor
Student Government	Coordinator, Student Activities
Visual Arts	Faculty Advisor

3. **ALUMNI SCHOLARSHIPS** of $500 are awarded to students who meet specified criteria and are not receiving any other type of financial assistance except work. Recipients are selected by a committee of the SPC Alumni Association Board of Directors.
4. **TRANSFER SCHOLARSHIPS** are given by Florida colleges and universities to academically outstanding SPC students. The College nominates students to receive certain Transfer Scholarships. Amounts and criteria vary.
5. **DONOR SCHOLARSHIPS AND FINANCIAL GRANTS** are provided by individuals or groups usually from outside the college. Amounts and criteria vary widely. Contact campus Office of Scholarships and Student Financial Assistance or local service organizations, clubs or other groups for application information.

Ebba Alm Scholarship—Full-time student, financial need, 3.0 GPA, preference is for student from upper Pinellas County in the field of natural sciences. Value varies. Recommendations made by the Office of Scholarships and Student Financial Assistance to the donor organization.

Alpha Delta Kappa-Beta Kappa Chapter Scholarship—Sophomore majoring in education with a 3.0 GPA, preferably a returning student, residing in lower Pinellas County. $250 per session. Applications are available at campus Office of Scholarships and Student Financial Assistance.

Alpha Kappa Alpha (Mary O'Neal Brown)—$350 scholarship with preference for a student in an AA degree program; overall 2.5 average or better. Contact campus Office of Scholarships and Student Financial Assistance when advertised.

American Association of University Women—Florence Seibert Memorial Scholarship—Established in memory of Dr. Florence B. Seibert to provide scholarships for those in need of financial assistance, enrolled in the Women-on-the-Way program (male/female) and studying medical technology, chemistry or biological sciences on any campus. Scholarship award is $1,200 per year. Availability of the scholarships and application process will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

American Business Women's Association Scholarships

Belles of Seminole	Mermaid Chapter
Central City Chapter	Pinellas Pelicans
Chasco Chapter	Seagull Chapter
Dunedin Chapter	Skyway Chapter
Fun 'N Sun Chapter	Sunshine Chapter
Heart of Countryside	Top of the Bay Chapter
Jacaranda Chapter	Young Horizons Chapter

Based on financial need and academic achievement. Value varies. Contact specific ABWA Chapter for application.

American Legion Auxiliary Department of Florida—Child or grandchild of an honorably discharged veteran, full-time student. Value varies. Contact convenient American Legion Post for application.

David P. Anderson Scholarship for Artists—Established by Estelle and Stan Marsh and other friends of David P. Anderson to provide a lasting memorial to this renowned St. Petersburg artist. These $1,200 scholarships are available to Pinellas County residents studying art at SPC who show financial need. Notification of availability will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

SPC Marc Anderson, United States Army Ranger, "Fallen Soldier" Memorial Scholarship—Established by Professor Ken Chapman, family friend, this scholarship pays tribute to Army Ranger Marc Anderson for valor in Afghanistan. Awards of varying amounts will be based on demonstrated need, a minimum grade point average of 3.5 with preference given to children of service members. Family members and Ken Chapman will assist in making the selections. Amount and availability of the scholarship award will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Charlotte Anthony Music Scholarship—Awarded to full-time students with financial need majoring in music at SPC. Applicants should apply through the St. Petersburg/Gibbs campus program office. Additional information may be obtained from the St. Petersburg/Gibbs Campus Office of Scholarships and Student Financial Assistance.

Florence Coles Ballenger Endowed Scholarship—Established in 1999 from the estate of longtime educator, volunteer and friend of SPC, Florence Coles Ballenger. Amounts vary. Applicants should apply through the Women-on-the-Way Challenge Program or the Learning Support Center of the Clearwater Campus. Availability and amounts of scholarship awards will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Kenneth P. and Mary R. Baqué Endowed Scholarship—Established by Clearwater resident and educator, Mary R. Baqué, to provide financial assistance to any worthy, needy, responsible student, male or female, in any field of study, who is associated with the Women-on-the-Way Program, Clearwater Campus. Amount varies. Contact the Women-on-the Way Office.

Paul D. Bauder Scholarship—Sophomore, education major, Pinellas County high school graduate. Value varies. Contact the Office of Scholarships and Student Financial Assistance for information.

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Robert & Mildred Baynard Ethics in Business Scholarship—Established to honor Mr. And Mrs. Robert Baynard's generosity to the College, this scholarship is for tuition, books and/or child care expenses for a Florida resident who is actively involved, and plans in the future to continue working, in local community service. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Sheila McNulty Beal Memorial Book Scholarship—Established by William H. Beal III, in memory of his mother, this scholarship will provide $500 for books or fees to an SPC graduate, Eta Nu Chapter member of Phi Theta Kappa. Applicants must be seeking a degree, full or part-time, and in need of financial assistance. Preference will be given to Liberal Arts majors. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

William H. Beal II Memorial Book Scholarship—Established by William H. Beal III, in memory of his father, this scholarship will provide $500 for books and/or fees to an SPC graduate, Eta Nu Chapter member of Phi Theta Kappa. Applicants must be seeking a degree in Business Technology as a full or part-time student at any SPC Campus and be in need of financial assistance. Availability of the scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

H. Scott Belcher Endowed Scholarship—Established by SPC graduates, Charles E. and Eileen H. Belcher, to honor their son. This scholarship will provide financial assistance to needy students who are Florida residents attending any SPC campus, full or part-time. Preference will be given to a student returning to formal education from either past or current employment in the nursing field. Applicants should be clear regarding their goals and possess the determination to reach these achievements. Continuing recipients must maintain at least a B average. Availability and award amount of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Dr. John C. Belcher Endowed Scholarship—Established by SPC graduates, Charles E. and Eileen H. Belcher, to honor their son. This scholarship will provide financial assistance to needy students who are Florida residents attending any SPC campus, full or part-time. Preference will be given to students who are working toward a career in a health-related field. The applicants should be clear regarding their goals and possess the determination to reach these achievements. Availability and award amount of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Leahla S. Bell Memorial Art Scholarship—Established in memory of Leahla S. Bell by her husband, Jay C. Bell. This fund will provide up to $1,500 scholarships to students studying art at SPC. Scholarships are per year and may be used for tuition, books or other bona fide college expenses, including living expenses. Applicants should be high school graduates or art school graduates, attending classes or preparing to attend classes at SPC. Applicants may be full or part time and gifted in the visual arts. Priority will be based on a competition through submission of student's personal artworks. Scholarships to be awarded based on recommendations of the College Scholarships and Student Financial Assistance office staff, a committee of qualified judges and a member of the Bell family. Contact the Scholarships and Student Financial Assistance office or the Art Department for information. Notification of availability will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Erma Ruth Beltz Memorial Endowed Scholarship—Established by Larry D. Beltz in memory of his mother, this $2,500 scholarship is for a full-time Associate in Arts or Associate in Science degree-seeking student with a high school (or equivalent) GPA between 1.5 and 2.5. Continuing recipients must maintain at least a C+ GPA. Availability of the scholarship and its amount will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Dr. Philip Benjamin/AITF Scholarship—Established with funds distributed by The Foundation for Florida's Community Colleges to help deserving students reach their educational goals. Students must be first-time enrollees who are Florida residents. Students must show financial need by qualifying for FSAG grants as well as perform community service during the term of the scholarship. Contact the Office of Scholarships and Student Financial Assistance for further information.

Mike and Beverly Bennett Scholarship—Established by the former president of St. Petersburg College this scholarship is designed to provide financial assistance to children of St. Petersburg College employees. Preference given to music majors. Value varies. Contact campus office of Scholarships and Student Financial Assistance.

Bilirakis-Miaoulis Scholarship—Established by The Honorable Gus Bilirakis in honor of family members, this scholarship is for any worthy, responsible, full or part-time student in any field of study at the Tarpon Springs Center. Amount varies. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Amy R. Blanton Scholarship—Established by Joseph and Nancy Blanton in honor of their daughter, Amy, an SPC graduate. Students must demonstrate financial need. Students with learning or physical disabilities and financial need may contact the Students with Disabilities Program Director.

William, Betty Jane and Elizabeth Boyd Memorial Music Scholarship—For Pinellas County High School graduates studying full-time for a career in music. $250 per session. Contact the Scholarships and Student Financial Assistance office, St. Petersburg/Gibbs Campus.

Warren W. Brainerd, Jr. Memorial Scholarship—The Warren W. Brainerd, Jr. Memorial Scholarship was established for students seeking a degree in science, pre-med, pre-engineering, pre-math or pre-elementary education. This scholarship is intended for students who have some financial need and for whom this award will make the difference in his/her staying in college. Only applicants with a sincere desire to get an education or improve him/herself and a graduate of a Pinellas County high school, preferably living with family, need apply. Only second year, full-time SPC students will be considered. Notification will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Flora Sam Britton Scholarship for SPC Women's Athletics—established by Flora Sam Britton through her will, scholarship is available to students demonstrating athletic achievement in women's athletics. Students may be enrolled full or part-time, in any field of study. Contact the Office of Scholarships and Student Financial Assistance for further details.

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Albert Leroy Brown/AITF Scholarship—Established with funds distributed by The Foundation for Florida's Community Colleges to help deserving students reach their educational goals. Students can be enrolled on a full-or part-time basis, must maintain a cumulative 2.0 GPA and demonstrate financial need based on national criteria. Contact the Office of Scholarships and Student Financial Assistance for further information.

John D. Buchanan Scholarship for Needy Students—Established by family and friends in memorial tribute to the life of John D. Buchanan, this scholarship is for full or part-time students who can demonstrate financial need as well as service to the community. Renewal of the scholarship requires a 3.0 grade point average. Amount and availability of the scholarship award will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Albert A. Bush Scholarship—Available through the generosity and foresight of the late Albert A. Bush. Scholarship is available to exceptionally needy students who might otherwise be unable to attend SPC. Contact the Office of Scholarships and Student Financial Assistance for further details.

Business and Professional Women/Avon Products Foundation Scholarship—Persons 25 and older, head of household, financial need, program leading to a sales career. Value varies. Contact organization at 2012 Massachusetts Ave. NW., Washington, D. C. 20036.

Business and Professional Women Scholarship
Downtown Tampa Chapter Sun Bay Chapter
Seminole Ridge Chapter Westshore Midday Chapter
For women in pursuit of higher education in business or a professional career with financial need, leadership and academic achievement. Value varies. Contact BPW Chapter scholarship chairperson.

Nadine and Dan Carlisle "New Life" Educational Grant—Established by Nadine and Dan Carlisle of Clearwater, these grants provide up to $1500 each semester for SPC students who can demonstrate both financial need and a renewed determination to complete their collegiate education. Contact the office of Scholarships and Student Financial Assistance.

Joseph L. Chamberlain Memorial Scholarship—This scholarship is for a deserving student entering the sophomore year, who has financial need and is in good academic standing. Value varies. Contact campus Scholarships and Student Financial Assistance office.

Dorothy A. Chapman Scholarship—Established in the Chapman estate to provide scholarships for students who demonstrate financial need, without respect to course of study. Value varies. Availability and application process will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Charity Day Scholarship—This scholarship is for a student who is enrolled full-time, has a 3.0 GPA and demonstrates financial need. Value varies. Awards are made by campus Scholarships and Student Financial Assistance office.

Clearwater Legal Secretary Scholarship—This scholarship is for a student with financial need and interest in the legal secretary field. Value varies.

College Fund of Pinellas County, Inc.—Pinellas County residents enrolled full time (12-15 hrs.) in A.A. or R.N. programs. Financial need and 2.0 GPA required. Value varies. Call 595-1978 or 595-2344.

Commercial Real Estate Women of Tampa Bay Scholarship—Established by the Commercial Real Estate Women (CREW) of Tampa Bay, this $1000 annual award is available for a student who can demonstrate financial need, has completed at least one semester of post-secondary education, is in good academic standing at SPC, demonstrates a commitment to complete a degree program, submits two letters of recommendation from faculty or employers as well as two personal letters of reference and maintains a 3.0 or higher grade point average to continue receiving the scholarship. The scholarships will be awarded based on selection by the SPC Faculty with finalists being interviewed by a CREW committee. Contact the Scholarships and Student Financial Assistance office for application information.

Sean W. Corrao Endowed Memorial Scholarship—This scholarship was established to perpetuate the memory of Sean W. Corrao who died in an automobile accident while he was enrolled in the computer science program at SPC. Recipients for this scholarship will be selected based on the following weighted criteria: special interest in computer technology, academic promise and financial need. Recipients will be selected by recommendation from Computer Science faculty committee to Director of Scholarships and Student Financial Assistance.

David O. and June Cox Women on the Way Scholarship—Established by long-time Women on the Way supporters, David O. and June Cox, to help deserving, active Women on the Way Program students with financial need. Contact the Women on the Way Program Director for further details.

Katie and Cort Cureton Scholarship—Established by Mr. and Mrs. W. Richard Johnston in memory of their grandchildren, Katie and Cort Cureton, to provide scholarship assistance to students who demonstrate financial need or achievement. Priority is given to Pinellas County graduates. Availability of the scholarships and application process will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Connie Dell Davis Veterinary Scholarship—Established in memory of Connie Dell Davis by her sister, Elizabeth Dell Bushnell; her brother-in-law, retired SPC instructor Frank F. Bushnell; and her mother, Dorothea C. Dell. Awards are for second-year Veterinary Technology students. Contact Veterinary Technology Program for more information.

Edith M. Davis Memorial—$400 scholarship for a high school senior seeking a degree in home economics. Contact the Pinellas School Board Home Economics Department.

Henry D. Davison Engineering Technology Scholarship—Established by Betty Davison to honor the legacy of her husband, a WWII hero and SPC faculty member, Henry D. Davison. Assistance is for full or part-time engineering technology students at the St. Petersburg/Gibbs Campus. Availability and amount of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Derby Lane Scholarship—Provided by Derby Lane and Richard Winning, member of the SPC Foundation Board of Directors, this scholarship is available for full or part-time students who have been accepted into or already are in good academic standing at SPC and can demonstrate a commitment to complete an academic degree program. The awardee must maintain a 3.0 or higher grade point average to continue receiving the scholarship for ongoing semesters. Availability and amount of the scholarship award will be published

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in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

DiNapoli & Skala Families Scholarship—This scholarship is awarded to Clearwater Campus students who have demonstrated successful academic performance at St. Petersburg College by attaining a minimum cumulative grade point average of 3.0. Students must also have completed 24 semester hours and have demonstrated financial need. Availability of the scholarship and application process will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money." The scholarship was established by Warren DiNapoli and Joe Skala who donated their entire salaries from teaching mathematics at the Clearwater Campus.

Disabled American Veterans/Chapter 9 Scholarship—Full-time student who is a disabled veteran or relative of a disabled veteran. $500 per academic year. Contact DAV scholarships chairperson.

Domidion Education Grant—Established by Dr. Ann M. Domidion for national or international students in the baccalaureate degree program in education. Preference given to a full or part-time student for whom financial support will make a difference in whether his/her education is continued. Grant will be available per semester for tuition, books and/or fees. Must maintain at least a B average. Selection made by Dean of the College of Education with the Office of Scholarships and Student Financial Assistance and SPC Foundation.

Craig and Erline Donovan Memorial Scholarship—Established by members of the Donovan family in honor of their parents to provide a $500 annual scholarship to a worthy, needy and responsible student in any field of study. Scholarship may be used for tuition, fees, equipment and/or other bona fide college expenses. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Anne H. Doran Memorial Scholarship—Established by 1975 SPC graduate Michael D. Doran in honor of his mother, this scholarship will provide assistance to worthy SPC Nursing Program students attending classes at any SPC campus full or part-time, who are working toward a career goal in Nursing and participating in the Women on the Way Program. Contact Nursing Department or Women on the Way Program Director for more details.

Alice N. and Timothy J. Downey, Jr., Memorial Scholarship—This endowed scholarship fund, established by trust agreement, from longtime SPC professor of Business, will provide assistance to students with scholastic ability with financial need. Contact the Office of Scholarships and Student Financial Assistance for further details.

Mr. and Mrs. Willis Doyle Nursing Scholarship—Full-time nursing student with demonstrated financial need and strong determination to overcome all obstacles in pursuit of goals. Preference will be given to a single parent. $3,000 over 2 years. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Dutton Family Scholarship—Established by the Dutton Family in 1997, this $500 scholarship is for students in need of financial assistance who are enrolled in any program at SPC. This award may be used for tuition, books and/or other bona fide college expenses. Priority will be given to non-traditional students, at least 25 years of age, for whom the financial aid would make the difference in whether or not he/she could continue his/her college education. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Norman W. Duzen Music Scholarship—Established in memory of musician Norman Duzen by his friends, this scholarship is for second year music majors with demonstrated need. Preference first will be given to jazz pianists, then classical pianists and, finally, all other music majors intending to pursue music as a professional career. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Pauline Vonnegut Eck Scholarship—Established through the will of former SPC Natural Science instructor, Pauline Vonnegut Eck, this scholarship is available to Natural Science students with financial need attending the St. Petersburg/Gibbs campus. Contact the Office of Scholarships and Student Financial Assistance for further details.

Electric Council of Florida—This scholarship is for a full-time student (12 hours minimum) who maintains a 2.5 GPA and has been a resident of Pinellas County for at least 1 year. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money." Selection by Music faculty.

Elks National Foundation Scholarship—Full-time vocational or technical program student seeking a degree or certificate. Needs lodge endorsement. $1,000 per academic year. Contact campus Scholarships and Student Financial Assistance office.

Mabel Emerson Memorial Scholarship—Established by her son, Bill Emerson '41, this scholarship is based on financial need and academic achievement. Value varies. The recipient will be chosen by the President of SPC. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Evanthia Nursing Scholarship—Established by Mrs. Evanthia P. Augustine to honor the memory of her grandmother, Mrs. Evanthia Nickolaou. This scholarship is for nursing students who demonstrate financial need and proven academic ability. Nursing faculty will nominate and select scholarship recipients. Contact Nursing Program Director, Health Education Center.

Fred C. Fantz Memorial Engineering Scholarship/Rotary Club of St. Petersburg West—Two scholarships. A student pursuing a career in engineering with demonstrated academic achievement and a member of Tau Alpha Pi. Contact Engineering Technology Department, St. Petersburg/Gibbs Campus. A local high school graduate, preferably Gulfport or west St. Petersburg resident, with demonstrated financial need, scholarship and good character. $300. Awards are made periodically upon recommendation of the Scholarships and Student Financial Assistance office.

Florida Firefighters Scholarship—Financial assistance of $500 per semester for dependents and family members of Florida firefighters. Priority will be given to the families of deceased and incapacitated firefighters. Applicants may be full or part-time students, in any field of study at any campus. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Florida Governor's Council on Indian Affairs Scholarship—For American Indian, Alaskan native, native Hawaiian and unemployed, underemployed or economically disadvantaged. Value varies. Contact (904) 487-1472.

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Florida Gulf Coast University – SPC Distance Learning Partnership Scholarship—This scholarship provides financial assistance for Department of Corrections employees taking Florida Gulf Coast University – SPC Distance Learning courses. An applicant must be matriculating at SPC full or part-time. The scholarship is $100 and may be used for tuition, fees, equipment and/or other bona fide college expenses. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Florida Institute of Certified Public Accountants Suncoast Chapter Scholarship—Scholarship available to full or part-time accounting students at any campus of SPC. Amount varies. Availability of scholarship and award amount will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Florida Legal Assistants, Inc., Pinellas County Chapter—For a student taking legal assistant courses, 3.0 GPA, amount varies. Contact Florida Legal Assistants, Inc. at (727) 988-0737 for Pinellas County Chapter president.

Florida Police Scholarship—Scholarships in the amount of $500 each will be awarded to Florida certified Pinellas County Police and Corrections Officers and/or their dependents, in financial need. Priority for the scholarships will be given to dependents of officers deceased or incapacitated (on or off duty). The award will be advertised in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Florida State University College of Education Alumni Association Teaching Scholarships—The School Board of Pinellas County, in cooperation with the Florida State University College of Education Alumni Association, offers scholarships in the amount of $2,500 per year for St. Petersburg College graduates who agree to attend FSU, major in education, especially in special education, and who will return to teach in Pinellas County following graduation. The program is a scholarship/loan program targeting special education majors and minority students that is repaid based on the candidates teaching in Pinellas County. For each year the scholarship is received, the candidate will be expected to teach 1 year in Pinellas County. Graduates of the program are guaranteed a teaching position in the district upon successful completion of the degree and certification requirements. For further information, contact Ron Stone at (727) 588-6273.

Merlin M. Garner Memorial Scholarship—For a full or part-time Foreign Language or Building Construction student attending any SPC campus. The student should be working toward a career in Construction or one which utilizes the Spanish language. The $500 annual scholarship will be awarded over two semesters and requires a minimum 3.0 GPA. The scholarship may be used for tuition, books, fees and/or other bona fide college expenses. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

General Dynamics Scholarship—Funds provided to assist minority students with demonstrated financial need. Preference will be given to students majoring in engineering. Awards made by campus Scholarships and Student Financial Assistance office.

Helen and Donald H. Gilbart Scholarship—For deserving students entering their second year; based on financial need and proven academic ability. Preference given to Clearwater Campus students who are single parents and who plan to enter one of the helping professions – teaching, mental health, physical care or social services. Awards made by faculty recommendations to the campus Office of Scholarships and Student Financial Assistance. Notification of availability will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Helen and Mildred Goldman Sign Language Interpreter Scholarship—Established by Barbara Carroll to honor the memory of two sisters: her mother, Helen, who was deaf, and her Aunt Mildred and the lifetime bond they shared giving the quality of life that only a daughter would know. This scholarship will be awarded to a student participating in the SPC Sign Language Interpreter Program. Contact the Office of Scholarships and Student Financial Assistance for further details.

Jan and Frank Graham Memorial Scholarship—Available to SPC Nursing Program students. Preference will be given to persons working, or have worked, as Certified Nursing Assistants. Two references from persons knowledgeable about the CNA job performance of the student must be submitted with the scholarship application. Contact Nursing Department for further details.

Selma Bowman Graham Scholarship in Memory of Warren J. Bowman—Established through the Pinellas County Community Foundation to address the need for registered nurses. Students must be enrolled in a two-year SPC Nursing Program, graduated from a Pinellas County high school and have a genuine financial need. Contact the Nursing Department for further details.

Thomas E. Greef Scholarship—For full-time Clearwater Campus business major, 3.0 GPA, $250 per session. Annual award nominated by Clearwater Business Department Program Director.

Vivian T. Greve Scholarship—Established through her will, executive secretary Vivian T. Greve, determined this scholarship is to be available to students with strong academic promise and a demonstrated need for financial assistance. Contact the Office of Scholarships and Student Financial Assistance for further details.

Harlan and Margaret G. Gregory Scholarship—$500 scholarship established by the Chairman of the SPC Board of Trustees, Mr. Thomas Gregory, in honor of his parents. The scholarship is awarded to a St. Petersburg/Gibbs Campus student who is majoring in education. Applicants must have graduated from a St. Petersburg area high school, have been a resident of St. Petersburg for at least 5 years, demonstrate financial need and academic promise and be an active participant in a church or synagogue. Notification will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Gulfport Lions Club Community Service Award—This award is for two current high school seniors who have been accepted at St. Petersburg College and reside in Gulfport or attend Boca Ciega High School. The amount of the award is $500. For further information, contact the Guidance Department at Boca Ciega High School, 321-4553.

Gulfport Optimist Club Endowed Scholarship—An applicant must be a resident of Gulfport for the last 2 years and a graduating high school senior or current SPC student who graduated from high school within the last 2 years. Applicants must demonstrate the qualities of good citizenship and community involvement and maintain a GPA of 3.5 or higher and be seeking an Associate of Arts Degree leading to a Bachelor's Degree. Availability of scholarship and award

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amount will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Jacquelyn Hanko Nursing Scholarship—Established by her son and his family to honor his mother, a registered nurse, this scholarship will provide assistance to SPC nursing program students. Preference will be given to students for whom financial support will make the difference in whether his or her education is continued. Contact Nursing Department for further details.

Hayward Foundation Scholarship Grant—Available to SPC Nursing Program students with financial need. Recipient must be a Florida resident with the intent of remaining in Pinellas County at least two years after graduation for the purpose of serving the citizens in the Tampa Bay area through the benefits of the Nursing profession. Special consideration will be given to students expressing an interest in serving in the fields of prenatal and postnatal nursing care. Contact Nursing Department for further details.

Cele Herring Math Scholarship—To promote and perpetuate the memory of Cele Herring, an SPJC student, a loyal and dedicated volunteer in the SPC math department, and a working nurse in Pinellas County for 60 years. Providing $1,000 scholarships to students in need of financial assistance who are enrolled in a mathematics program and attending classes full or part time at any SPC campus. These scholarships are per year and may be used for tuition, books, fees or other miscellaneous college expenses. Selected by the mathematics faculty at the St. Petersburg/Gibbs Campus. Contact Mathematics Department, St. Petersburg/Gibbs Campus.

The George F. Hieber, II Scholarship for Excellence in College Preparatory Mathematics—Established to honor a Clearwater Campus student who has demonstrated excellence in college preparatory mathematics. This scholarship honors George F. Hieber, II who taught developmental mathematics on the Clearwater Campus for nine years. Contact the Clearwater Campus Mathematics Program Director.

Andy and Ann Hines Endowed Scholarship—Established to provide $500 scholarships to worthy, needy and responsible students with definite educational goals in any field of study. Continuing recipients must earn at least a B average. Priority will be given to students for whom financial aid would make the difference in whether he/she would be able to earn a college education. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Hillsborough Animal Health Foundation Veterinary Technician Scholarship—Established for veterinary technician students who are residents of Hillsborough County enrolled as traditional or distance learning students. Academic achievement will be a consideration. Applicants must supply recommendations from 3 instructors and a 500 word essay on the topic, "Where Do I See Myself In 3 Years?" Contact the Director of Veterinary Technology at the Caruth Health Education Center.

Honeywell Foundation Scholarship—For economically disadvantaged persons in non-traditional academic endeavors (i.e., women in engineering, electronics, men in nursing, et al.) Value varies. Contact campus Scholarships and Student Financial Assistance office.

Hospitality and Tourism Scholarship—Established by funds raised by an annual golf tournament, organized by the Pinellas County Hotel/ Motel Association. Scholarships will aid Hospitality & Tourism students with one three credit hour course. Contact Hospitality and Tourism Department for further details.

I Am 4 Art, U Can B 2 Scholarship—Established by Diane Nelson and friends of the arts to provide assistance to students with financial need and a commitment to complete a degree program in the Fine Arts. Award varies. Contact the Office of Scholarships and Student Financial Assistance for further details.

Donald E. and Elise I. Ingerson Scholarship—established by a trust agreement, this scholarship is available to SPC students participating in the Student Support Services Program and/or Brother to Brother Program. Scholarships will be applied to tuition and fees. Contact the Office of Scholarships and Student Financial Assistance for further details or the directors of either program for further information.

Italian American Club of Greater Clearwater/John Nano Memorial Scholarship—Based on academic achievement and financial need, must be nominated by a member of the Italian American Club. Value varies. Contact scholarship chairperson.

Evelyn W. Jerger Nursing Scholarship—Established by Mrs. Richard M. (Evelyn W.) Jerger. Students must be Pinellas County residents, have demonstrated financial need and proven academic ability. Nursing faculty will nominate and select scholarship recipients. Contact Nursing Program Director, SPC Health Education Center.

Delbert and Jayne Kiner Scholarship—Established by their family, the Delbert and Jayne Kiner Scholarship is available for a needy full or part-time student who is returning to college (not a recent high school graduate) majoring in any field. This $500 award may be continued only with a 3.0 grade point average. Availability of the scholarship award will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Kiwanis Club of Clearwater—For a Clearwater High School graduate. Apply to Clearwater High School Guidance Department.

Kiwanis Club of Seminole—For a Seminole High School graduate. Apply to Seminole High School Guidance Department prior to May 15**.**

Kiwanis Club of Springtime/Max DeVane Scholarship—For a Clearwater High School graduating senior with financial need. Value varies. Recommended by high school guidance department. Contact Clearwater High School Guidance Department.

Carl M. Kuttler, Sr. Memorial Scholarship—Established to honor the memory of the father of SPC President Carl M. Kuttler, Jr., this scholarship will provide financial assistance to a worthy and needy immigrant student; male or female, full or part-time, in any field of study at SPC. Priority for the scholarship will be given to students for whom financial aid would make the difference in whether or not he/she would be able to earn a college education. This annual scholarship will be awarded for tuition, fees and/or other bona fide college expenses. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Lealman Special Fire Control District Fund—Established by the Lealman Special Fire Control District, this grant is available for eligible Lealman Fire District employees for use in attending training classes. The awards will be coordinated through Lealman Special Fire Control District, the SPC Fire Academy director and the SPC Foundation. Availability and

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amount of the award will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Michelle Lambert Memorial Scholarship—Established by friends and colleagues to honor the memory of Michelle Lambert, a SPC Dental Hygiene graduate of 2000. This scholarship is available to Dental Hygiene students in the SPC Associate Degree program or students wishing to pursue an advanced degree in Dental Hygiene. Contact the Dental Hygiene Department for further information.

Helen K. Leslie Scholarship—Established by past SPC Foundation Board chairman, business owner, and 2003 SPC Honorary degree recipient, Helen K. Leslie, these $2,500 scholarships are for Pinellas County high school graduates with academic promise in need of financial assistance and studying in nontraditional fields at any campus of St. Petersburg College. Notification of availability will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Wendell H. and Betty L. Lunceford Memorial Scholarship—Established in 1993 by W.H. (Dell) Lunceford, Jr. and John C. Lunceford, to honor their parents. This scholarship provides financial assistance to needy, second-year students with academic promise; but who, because of circumstances beyond their control, are unable to compete for scholarships designed for students with higher academic standings. $1,500 per academic year ($750 per session for 2 semesters) can be used for tuition, books, course fee expenses and/or other bona-fide college expenses. Applicants must be full-time students enrolled at any campus of SPC, in any field of study working toward an A.A., A.S. or A.A.S. degree. Preference will be given to students who might not otherwise be able to attend college or where the award would reduce the number of hours a student may have to work outside of school. Further preference will be given to a single or low-income parent who is receiving little or no outside financial support. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Lynch-Reed-Wakefield Scholarship—Established by three SPC faculty members and former Presidents for students with academic achievement and financial need. Selection made by campus Scholarships and Student Financial Assistance office.

Eileen Marie Mahan Nursing Scholarship—Established by Mr. and Mrs. Thomas Mahan in memory of their daughter, Eileen Marie. Scholarship ranges up to $1,500 annually for second year nursing student. Candidates for this scholarship must be recommended by SPC nursing faculty and/or administration and possess those academic and personal qualifications that are likely "to enable them to be able to give leadership in the field of nursing in the future." Nursing Program Director will make selection.

Ron Mahoney Police Administration Scholarship—Established by fellow officers in memory of Ronald J. Mahoney, "an outstanding and courageous Police Officer" and alumnus of SPC, who died in the line of duty. Scholarships of varying amounts are available for sophomore year students desirous of working in police administration. Faculty selection is based on academic achievement and leadership qualities with preference given to students from the Clearwater area. Contact the Southeastern Public Safety Institute Office or Criminal Justice Program Director.

Perry R. Marsh Scholarship—Bank of America–Established in memory of Perry R. Marsh, founder of Home Federal Savings and Loan. $1,500 scholarships will be awarded annually. Students must be Pinellas County residents, have demonstrated financial need, proven academic ability and be full-time students (12 credits). Preference given to students in banking related professions. Availability of the scholarships and application process will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Hazel Marie Martyn Endowed Memorial Scholarship—This scholarship will be given to a full or part-time student in the field of vocal music who is seeking a degree and/or career in music. Applicants must maintain at least a 2.7 GPA. Selection by her family and SPC Foundation Office. Notice of availability will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money", or contact Music Program Director.

Clark Maxwell/AITF Scholarship—Established with funds distributed by The Foundation for Florida's Community Colleges to help deserving students reach their educational goals. This is a general scholarship for deserving students. Contact the Office of Scholarships and Student Financial Assistance for further information.

Alfred T. May Alumni Scholarship—Established by Alfred T. May (SPC '58) to provide students with bona fide financial need the means to attend college. These scholarships are $1,200 per year and are available to graduates of a Pinellas County high school attending SPC on a full-time basis. Priority for the scholarships are students for whom the financial assistance would make the difference in whether or not the student could continue his/her college education. Notification of availability will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Mease Auxiliary Scholarship—Available to SPC Nursing Program students residing in the Mease Dunedin or Mease Countryside area of Pinellas County. Students must have completed the Nursing Level I course and should consider applying for employment with Mease Hospitals upon graduation. Applicants must submit a written statement on why he/she wishes to become a nurse and must provide at least one letter of recommendation from SPC faculty member. Contact Nursing Department for further details.

Memorial Nurses Training Foundation Scholarship—For nursing students. Value varies. Contact Nursing Program, Health Education Center.

Narva L. Moody Award—Established by Harriet Moody Davis in memory of her father, this award provides $100 book grants for full or part-time pre-law or accounting students. Students from the St. Petersburg/Gibbs Campus with financial need considered. Selection by Office of Scholarships and Student Financial Assistance and the SPC Foundation.

Edna Moran Memorial Nursing Scholarships—Established by friends and family to honor the life of Edna Moran, this scholarship is available to Nursing Program students with demonstrated need who are participating in the Women on the Way Program. Contact the Nursing Program Director or the Women on the Way Program Director for further details.

A. D. Morgan Corporation Scholarship—Available to SPC students pursuing a career in Building Construction. Contact the Office of Scholarships and Student Financial Assistance for further details.

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National Contract Management Association Scholarship—For business student in good standing with financial need, value $100. Notification in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Northeast High School Scholarship—For a Northeast High School graduate. Value varies. Contact Northeast High School Guidance Department.

Northside Hospital and Heart Institute Nursing Scholarship—Full tuition, books, fees and uniforms for financially needy nursing students who are desirous of working at Northside Hospital and Heart Institute. Applications should be made to the Nursing Program Director.

Nydegger Trust Scholarship—For student majoring in geology, paleontology or astronomy, ranking in top one-third of class or with 3.0 GPA, financial need and Pinellas County residency. $600 annually. Contact campus Scholarships and Student Financial Assistance office.

Henry Ohrns and Mary Hume Ohrns Scholarship—Established by a trust agreement for the purpose of providing funds for scholarships to needy and deserving young men and women who attend St. Petersburg College. Recipients "may not be users of drugs, intemperate or persons who demonstrate for, or advocate, the overthrow of the US Government." Preference will be given to full or part-time students who live south of Ulmerton–Walsingham Road. Amount, availability and application process for the scholarship will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Optimist Foundation of Dunedin Scholarship—Established by the Optimist Club of Dunedin for worthy and needy, full or part-time students, this award will be on a semester basis and preference will be given to students from Dunedin or Dunedin Schools. Availability and amounts of the awards will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Optimist Club of St. Petersburg Scholarship—Members of the West Side Optimist Club established this scholarship which can be used for tuition, books and course fee expenses for students for whom the aid would make the difference in whether or not he/she could continue his/her college education. Applicants may be preparing to attend, or attending, classes full-time at any SPC campus and must maintain a minimum GPA of 2.00. Priority for the scholarship will be given first to graduating seniors of St. Petersburg High School, then to graduating seniors of other high schools in St. Petersburg.

Richard F. Ott Foundation Scholarship—For Clearwater High School graduate in top quarter of class; value varies. Contact Clearwater High School Guidance Department.

Lou and Lillian Padolf Foundation Scholarship—For permanent Pinellas County residents who graduated in top quarter of Pinellas high school class, value varies. Contact Trust Department, First National Bank of Clearwater.

Palm Harbor Special Fire Control District Grant—Established by the Palm Harbor Special Fire Control District, this grant is available for eligible Palm Harbor Special Control District employees for use in attending training classes at SPC. The grants will be coordinated through the Palm Harbor District, the SPC Fire Academy director and the SPC Foundation. Availability and amounts of the awards will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Pasadena Women's Club—For a local high school graduate majoring in education; demonstrated financial need and academic achievement. Apply to club scholarship chairperson.

Perry Educational Scholarship—Established by Audrey E. Perry for students with emergency needs; amount varies. Contact the office of Scholarships and Student Financial Assistance.

Phi Theta Kappa/Tau Zeta Chapter—Student Support Services Excellence Incentive Award - Sponsored by the international honor society of the two-year colleges on the Clearwater Campus. This $100 scholarship is for a Clearwater Campus Student Support Services student with a minimum GPA of 3.25 and demonstrated financial need. Special consideration will be given to those applicants who are or have been involved in student activities and/or student organizations on the Clearwater Campus.

Phi Theta Kappa/Tau Zeta Chapter—Tau Zeta Scholastic Excellence Award - Sponsored by the international honor society of the two-year colleges on the Clearwater Campus. This $100 scholarship is for a Clearwater Campus Phi Theta Kappa student with a minimum GPA of 3.25 and demonstrated financial need. Special consideration will be given to those applicants who are or have been involved in student activities and/or student organizations on the Clearwater Campus.

Pinellas County Community Foundation Recognition Scholarships—The Pinellas County Community Foundation offers three separate scholarships honoring Ralph Richards, the primary founder of PCCF, F. Kiernan Schoonmaker, the first Chair of the PCCF Trustees Committee and David G. Perkins, a former Mr. Clearwater. Contact the Office of Scholarships and Student Financial Assistance for further details.

Pinellas County Estate Planning Council Scholarship—Established by Pinellas County Estate Planning Council, Inc. for a full-time student living in Pinellas County seeking an Business A. A. degree. Must maintain a GPA of "B" or better. Recipient is to attend a meeting of the Pinellas County Estate Planning Council and make a short presentation. Value varies. Notification of availability will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Pinellas-Seminole Woman's Club—Nursing students preferred, $400 tuition. Contact campus Scholarships and Student Financial Assistance office.

Polish-American Engineer Association Scholarship—For students with financial need. Preference will be given to full-time, Clearwater Campus sophomores of Polish-American ancestry. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Diane Prescott Writer's Scholarship—Created in loving memory by her husband, this scholarship will provide an annual $400 award for a full or part-time student at the SP/Gibbs Campus who is majoring in English. The student should possess a financial need and be clear regarding his or her goal to establish a career in writing as well as have the determination to reach this achievement. Availability will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Professional Secretaries International, Clearwater Chapter Scholarship—For secretarial student with financial need,

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$500 annually. Contact campus Scholarships and Student Financial Assistance office.

Professional Secretaries International, St. Petersburg Chapter—For high school graduate in secretarial field with financial need, grades and character. Contact club scholarship chairperson prior to April 15.

Eleanore M. Rans Memorial Nursing Scholarship—Established in memory of Eleanore M. Rans by her husband, Robert Rans, family and friends. This scholarship is intended for associate degree nursing students, notably those with previous work experience and some educational training in nursing, who now need a financial boost to meet their commitment to earn a degree and pass the registered nursing licensure examination. Contact Nursing Department for further details.

Arthur T. and Helen J. Ratcliffe Scholarship Endowment—Scholarships will provide assistance to SPC students who have resided in Pinellas County for five consecutive years. Students will demonstrate intent to better academic average and show promise and be morally, mentally, and physically fit with a bona fide need for financial assistance. Contact the Office of Scholarships and Student Financial Assistance for further details.

Rotary Ann Club—Female graduate of Clearwater High, $225 annually. Interview with Rotary Ann Club, Clearwater High School.

Rotary Club, Pinellas Park Scholarship—For degree-seeking full-time students in need of financial assistance and who reside in the Pinellas Park Rotary Club area. At least a B average preferred. The SPC Foundation and Office of Scholarships and Student Financial Assistance forward appropriate applications to the Rotary Club Education Committee for their selection.

Rotary Club of St. Petersburg West—Local high school graduate with financial need, scholarship, character. Contact the Scholarships and Student Financial Assistance office, St. Petersburg/Gibbs Campus.

The Roth Foundation Scholarship—Available to SPC Nursing Program students who are financially deserving with high scholastic ability. Contact Nursing Department for further details.

Rothman Family Foundation Scholarship—Established by the Rothman family to provide financial assistance to Kane's Furniture and Savon employees and their children. Contact Kane's Furniture or Savon Human Resource Department for more information.

Ruth M. Rowley Endowed Scholarship—Established by her son and SPC alumnus, John G. Rowley, M.D., the Ruth M. Rowley annual scholarship will be awarded for tuition, fees and/or other bona fide college expenses to a student in a program designed for a career in business. The student in financial need may be attending any SPC campus and must be clear regarding his/her goals as well as possess a determination to reach these achievements. Preference will be given to single parents. Availability of scholarship and award amount will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

SPC Facilities Team Scholarship—$500 scholarship is offered by the employees of the college's Facilities Planning and Institutional Services department based on financial need and academic promise. Scholarship advertised in the Scholarships and Student Financial Assistance office's newsletter, "In the Money" when is available.

St. Petersburg General Hospital Auxiliary Scholarship—For students in health related fields, (including nursing), 2.0 GPA, and demonstrated financial need. Value varies. Contact Nursing Department for further details.

St. Petersburg Association of Legal Support Specialists Scholarship Fund—For legal secretary student. Amount varies. Apply to St. Petersburg Association's Legal Specialist Scholarship coordinator.

St. Petersburg Lodge 42 Knights of Pythias Scholarship—Established by the St. Petersburg Lodge 42 Knights of Pythias, this scholarship is for a full or part-time student, who is attending SP/Gibbs campus, working toward any career goal, is in financial need and presently has a grade point average no higher than a 2.5. Amount and availability will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

St. Petersburg Martin Luther King, Jr. Commemorative Commission Scholarship—Established to help disadvantaged St. Petersburg/Gibbs campus students with no regard for race or gender. The grant amount varies and may be used for tuition, books, fees and/or other college related expenses. Availability of this award will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

St. Vincent de Paul Society Grant—This assistance is provided for students who either have previously completed a drug and/or alcohol rehabilitation program or who are going into that helping profession. The student should maintain at least a 2.5 GPA and be a mentor to other students. The grant amount varies and may be used for tuition, books, fees and/or other college related expenses. Contact Human Services Department for more details.

O. Marie and Tom Scannell VA Bay Pines Nurses or Teachers Scholarship—Established in memory of O. Marie Scannell by her husband, Tom Scannell. This scholarship is intended to provide scholarships to employees (CNAs, LPNs, or others who want to enter the nursing or teaching profession) of Bay Pines VA Hospital in need of financial assistance for attending SPC. Contact Nursing Program Director at SPC Caruth Health Education Center or Director of Education, Bay Pines VA Hospital. Availability of the scholarships and application process will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money"

Scottish Rite Foundation—Funds to cover tuition and books for year. Contact Foundation by April 15.

Seminole Ridge Business & Professional Women—Financial need and academic achievement, value varies. Contact campus Scholarships and Student Financial Assistance office.

Oscar and Yeottle Setzer Scholarship—Established by Robert Setzer, a former SPC music instructor to honor his parents, this scholarship is available to SPC students studying pipe organ. Contact the Office of Scholarships and Student Financial Assistance or Music Program Director for further information.

Stoeckle Scholarship—Established in the estate of Charles H. and Gladys A. Stoeckle to assist needy persons in obtaining a formal education leading to a degree in nursing. Availability of the scholarships and application process will be published in Scholarships and Student Financial Assis-

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tance office's newsletter, "In the Money," or contact the Nursing Department for more details.

Donald Sullivan Scholarship—Available to SPC students demonstrating academic and community leadership abilities. Contact the Office of Scholarships and Student Financial Assistance for further details.

Sun Bay Business & Professional Women's Club of St. Petersburg—For individual with dependent children and financial need. Up to $150. Contact the Scholarships and Student Financial Assistance office, St. Petersburg/Gibbs Campus.

Suncoast Manor Irving G. Foster Scholarship—Established for employees of Suncoast Manor who are full or part-time students attending classes at any campus of SPC. This annual scholarship can be used for tuition, books and other bona fide college expenses of the student. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Tampa Bay Police Chiefs Association Scholarship—For student who has completed one semester in Criminal Justice Technology with high scholastic standing and leadership qualities. $250 per session. Contact Criminal Justice Technology Program.

Tarpon Springs Campus Golf Classic Scholarship—Established from proceeds of the Golf Classic at Innisbrook to provide financial assistance to Tarpon Springs Campus students in any field of study. Student must have completed a minimum of 9 semester hours and currently be enrolled in a minimum of 9 semester hours at SPC and have an earned cumulative GPA of 2.5. Contact the Office of Scholarships and Student Financial Assistance for more information.

James E. Thompson, M.D. and Jane B. Thompson, R.N. Nursing Scholarship—Given by their children in honor of parents, James and Jane Thompson, for new or continuing SPC nursing students who have two years of prior healthcare experience. Applicants for the annual scholarship of $2,000 for tuition, books and fees and $2,000 for other bona-fide college expenses must meet minimum SPC College academic standards and demonstrate a success in studies and/or a strong work ethic. Priority for the scholarship will be given to students for whom the financial aid would make the difference in whether or not they would be able to begin or continue their college educations. Preference will be given to applicants from north Pinellas County. Contact the Nursing Program Director for further details.

Earlene and Marvin Tieharra Endowed Music Scholarship—Established to assist worthy students taking at least 1 credit hour in applied music and who are enrolled in a college ensemble such as chorus, band or jazz band. Applicants must be attending SPC for at least 8 credit hours with a GPA of 3.0 and complete an audition with a committee of college music faculty. Applicants should contact the Program Director of Humanities/Fine Arts, St. Petersburg/Gibbs Campus.

Tradewinds Legacy Award—Established in memory of Isabel M. Fortune, this annual scholarship will provide financial assistance to students who are non-executive employees or who are the children or grandchildren of Tradewinds non-executive employees. Applicants must be high school graduates or the equivalent, enrolled in degree-earning classes full or part-time at any campus of SPC. Contact the Office of Scholarships and Student Financial Assistance for more information.

Treasure Islettes—For Treasure Island resident with financial need and recommendations. This will cover tuition and books. Contact club president.

Tri-County Medical Records Association—For Medical Record Technology student, $250 annually. Contact Medical Record Technology Program Director, Health Education Center.

Manuel Valles, Jr. Memorial Endowed Scholarship—Established by the River Foundation, Inc. to honor the life of Mr. Manuel Valles, Jr., this scholarship is available to worthy and needy, full or part-time students who are working toward a career goal through successful completion of an SPC academic, technical or certificate program. An awardee must provide evidence of community service, demonstrate financial need and be of good moral character. Scholarship renewal requires a minimum grade point average of 3.0. Contact the Office of Scholarships and Student Financial Assistance for more information.

Kristie M. Vermillion Scholarship—Established by friends and family in memory of SPC student Kristie M. Vermillion, this scholarship is available for needy students who are seeking a degree in nursing. An essay is required and renewal of the scholarship also requires a 2.5 grade point average. Selection will be made by the College and the family of Ms. Vermillion. Availability and amount will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Voiture 541-40 and 8 Nurses Training Scholarship—$400 scholarships awarded to full-time students enrolled in an SPC nursing program and taking classes at the Caruth Health Education Center and are Pinellas County high school graduates with a 3.0 GPA. and have demonstrated financial need. Contact the Nursing Department for further details.

Freddie Walton, Jr. Memorial Scholarship—The Freddie Walton, Jr. Memorial Scholarship was established by his teacher, Don Davis, and a host of friends who made contributions and conducted an "endless" series of fund raising events. "I was his Project Success mentor and Human Services teacher and Freddie was destined for high success and a marvelous career in human services when he died suddenly in 1993," said Davis. The award is $300 annually. For further information contact the Scholarships and Student Financial Assistance office.

Hazel L. Webb Scholarship—Established in the Hazel L. Webb estate to provide scholarships for students attending SPC who demonstrate financial need, without respect to their course of study. Value varies. Availability of the scholarships and application process will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Charlotte Weldner Memorial Scholarship—Established by her family, this scholarship provides $500 annual scholarships for tuition, books or other bona fide college expenses to students studying art (primarily painting) and attending classes at any campus of SPC. The applicant should be a high school or arts school graduate and attending college full or part time, be gifted in the fine arts and maintain a 3.0 GPA. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

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John J. and Cora S. Whitaker Scholarship—Designated for students attending St. Petersburg College without respect to course of study or financial need. Availability of the scholarship and application process will be published in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Father Harry Williams Memorial Scholarship—Established in memory of Father Harry Williams, beloved husband of former SPC Program Director Trudy Williams, this scholarship will be awarded to a "deserving student in the college's Interpreter Training Program." Availability, amount and application process will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Winn-Dixie Stores, Inc.—For full- or part-time Winn-Dixie employees, $250. Write Tampa Division, P. O. Box 440, Tampa, Fl 33601.

Congressman C. W. "Bill" Young Scholarship—Established to honor Congressman C. W. "Bill" Young, the scholarship will provide funds to students with a minimum of a 3.0 GPA and in need of financial assistance who are attending classes full or part-time, in any field of study, at any campus of SPC. Applicants should demonstrate leadership qualities and community volunteerism. These $1,500 scholarships are per academic year and can be used for tuition, books, fees and/or other bona fide college expenses of the student. Availability of scholarship will appear in the Scholarships and Student Financial Assistance office's newsletter, "In the Money."

Joe and Vilma Zalupski, Ed.D "Achieving The Dream" Graduating Student Scholarship—Established by the first provost of the Clearwater Campus, Dr. Vilma Zalupski, and her husband. The scholarship provides $1,000 to a graduating Clearwater Campus student. The chosen recipient must have a minimum 2.5 GPA and have overcome serious obstacles to attain his/her degree. Nominations are made by the Clearwater Campus faculty and staff with presentation made at the annual Clearwater Awards Night Ceremonies.

Joe and Vilma Zalupski, Ed.D "Achieving The Dream" Continuing Student Scholarship—Established by the first provost of the Clearwater Campus, Dr. Vilma Zalupski, and her husband. This scholarship of $500 is to be awarded to a Clearwater Campus continuing student with a minimum 2.5 GPA, who has earned a minimum of 24 semester hours, has overcome serious obstacles to be able to matriculate and plans to continue his/her enrollment at the Clearwater Campus. Nominations are made by the Clearwater Campus faculty and staff with presentation made at the annual Clearwater Awards Night Ceremonies.

Zonta Club of Upper Pinellas-Callie Grill Memorial Scholarship—In honor of a "beloved member," the Zonta Club of Upper Pinellas established this $1,500 scholarship, to provide tuition, books, course fee expenses and/or other bona-fide college expenses to Women-on-the-Way students. The applicant in financial need may be full or part-time and demonstrate academic promise in the applicant's chosen field at an upper Pinellas County SPC campus. Consideration also may be given to students who demonstrate involvement in public affairs or community activities. Applicants should contact the Director of the Women-on-the-Way Program, Clearwater Campus.

Additional scholarships also are available, including scholarships provided through the U.S. Armed Forces. For complete information on scholarships or other forms of financial assistance, contact any SPC campus Scholarships and Student Financial Assistance office.

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VETERANS INFORMATION

St. Petersburg/Gibbs Campus, AD 100: (727) 341-4623
Clearwater Campus, AD 154: (727) 791-2495
Tarpon Springs Campus, AD 126: (727) 712-5709

Accreditation

St. Petersburg College is approved for education and training by the State Approving Agency of Florida.

Maintenance of Records

Complete academic records are maintained on each veteran who is certified as eligible for benefits under the public laws. The records show continuous pursuit and the rate at which progress is being made. They include final grades in each subject for each term, record of withdrawal from any subject to include the last day of attendance for a course and record of enrollment in subjects from which there was a withdrawal.

Complete academic records are maintained of previous college level academic training and these records clearly indicate the amount of credit accepted which proportionately shortens the training period; the Department of Veterans' Affairs (VA) are so notified. The record is a cumulative record in that it shows the result of each term of enrollment, subjects taken and grades earned.

Offices

The Veterans Services Offices (VSO) are in the Scholarships and Student Financial Assistance offices on the St. Petersburg/Gibbs and Clearwater campuses and the Tarpon Springs Center. Inquiries concerning benefits, tutorial assistance or VA Work-Study Programs should be directed to these offices. Veterans Services Office personnel will facilitate securing veterans' benefits.

Applying for Benefits

Veterans making a first-time application should complete VA form 22-1990. Reservists and National Guard applying under Chapter 1606 benefits must submit DD Form 2384 (Notice of Basic Eligibility) from their Reserve/National Guard Unit.

Transfer students should complete VA form 22-1995 and eligible veteran's dependents complete VA Form 22-5495.

A widow, wife or dependent of a 100 percent, service connected, totally permanently disabled veteran should check with the VSO to see if they are eligible and should fill out VA form 5490. Disabled veterans wanting to use the veteran vocational rehabilitation must go through the local VA regional office to apply for this benefit.

Allow six (6) to eight (8) weeks from the drop/add date of the term before expecting to receive a check from the VA unless an advance payment has been requested at a minimum of 30 working days prior to the beginning of the session. A St. Petersburg College Admissions Application must be filed and the student must be registered for classes at a minimum of half-time training before an advance payment can be requested.

Degree Program

The VA will pay benefits only if the veteran is seeking a state approved degree (B.S., B.A.S., A.A., A.S. or A.A.S.) or an approved Applied Technology Diploma or an approved Certificate.

The veteran, while in attendance, must follow the course of study as outlined in the catalog. For an A.A. Degree, the VA will only pay for courses which satisfy the basic A.A. Degree. The VA will not pay for courses which do not count toward fulfilling graduation requirements (this includes auditing a course and repeating any course in which a grade of "D" or above was received with the exception of Gordon Rule courses which require a grade of "C" or better.) Contact the VSO for details.

As a degree-seeking and certificate-seeking student, a veteran must submit transcripts of work attempted at any other college or university by the end of the first semester of attendance. Failure to do so will result in termination of VA benefits.

Fee Extensions

Florida Statutes provide for the deferment of payment of matriculation and tuition fees for veterans and other eligible persons until 60 days after the beginning of the term. The extension can only be used once in an academic year and the student must complete the promissory note after registration and before the due date indicated on the fee schedule. If this procedure is not followed, the veteran's registration will be canceled and re-registration will be necessary along with a late registration fee. A minimal fee per credit hour is charged to receive the extension. **Note: It is the student's sole responsibility to pay tuition.**

If classes are not officially dropped during the drop/add period through the admissions/registration office, the student will continue to be responsible for the repayment of the deferred fees even if the student is not attending classes. The obligation can be canceled only through qualification for a refund, which may be used to offset the amount due.

Attendance

The veteran should be aware of each instructor's policy concerning absences. If a student accumulates so many absences that, in the judgment of the instructor, further enrollment would be of little value, the instructor will assign a "W" grade along with the last day of attendance for that class. VA will require a refund of any monies received. Excused absences will be granted for extenuating circumstances only and must be documented.

Express/Telecourse Sessions

These courses are less than full term and have different beginning and/or ending dates. As a result, the VA must calculate the rate of payment from the class start date. Contact the VSO for additional information. Express and Telecourse session courses take longer for approval, so funds may not be received until later in the term.

Status Changes (Withdrawals, Drops and Incomplete Grades)

It is the veteran's **responsibility** to inform the VSO any time a course is dropped, added or audited. Each student receiving Veterans' Benefits must report their schedule to the VSO as soon as their new schedule has been confirmed by admissions/registration and stamped approved from the counseling department. Any delay in doing so could mean a corresponding delay in receiving VA benefits.

If a veteran decides not to attend classes before the term begins and he/she has a fee extension, all classes must be officially dropped or the veteran will be liable to the College for the tuition and fees. If the term has already begun, formal withdrawal must be made through the instructor and the VSO must be informed of these actions.

Veterans who drop a course during the term may owe a repayment of their veterans' benefits. They must be sure to read all correspondence from the VA carefully so that financial liability can be avoided.

Standards of Progress

A veteran or other eligible person will be considered to have made unsatisfactory progress if unable to complete graduation requirements within the approved length of time. These graduation requirements are based on 120-credit hours for Bachelor Degree or 60-credit hours for the Associate in Arts degree; or

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the number of credit hours as shown in the required program when the degree is the Associate in Science, Associate in Applied Science, Applied Technology Diploma or Certificate in an occupational specialty.

If after completing seven (7) semester hours a student's GPA is less than 2.0, he/she will be notified that his/her academic record is indicative of unsatisfactory progress and if his/her GPA within one semester after being placed on academic warning is less than 2.0, certification for VA educational benefits will be denied by the College until such time as the student raises his/her cumulative GPA to a minimum of 2.0. Students enrolled in certificate programs of less than 25 credit hours in length have no probationary period and will not be certified for VA educational benefits whenever the GPA falls below 2.0. All other policies regarding academic probation and suspension are the same as indicated in other areas of the catalog.

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ELECTRONIC CAMPUS (eCampus)

http://www.e.spcollege.edu

eCampus is SPC's distance learning program, offering fully accredited SPC courses via TV and the Internet. More than 12,000 students throughout the US—and in other countries as well—enroll in eCampus courses each year.

eCampus offers three types of convenient, flexible e-courses. Which one is best for you depends on your individual learning style and your level of experience and comfort with computers.

ONLINE, TV AND TELEWEB COURSES

Online Courses

If you have a good working knowledge of computers and the Internet, and are experienced at using them, online courses may be a good fit for you. You'll need:

- A computer that meets eCampus' technical requirements (see next page)
- Dial-up, DSL or cable Internet connection. Some courses specifically require a cable connection.
- E-mail account
- Current Web browser

Online courses start and end according to the regular SPC session dates, but individual classes have no pre-set meeting schedule. Courses incorporate a variety of multi-media materials that may include textbooks, CDs, streaming video, and Web resources. You'll submit your exams and completed assignments electronically, and interact with other students and your instructor via e-mail, online bulletin boards, and chat rooms.

To explore a sample online course, go to the eCampus home page, **e.spcollege.edu** and click on **Visit our sample online course** in the page header.

Telecourses (Televised Courses)

Telecourses combine video lessons (telelessons), study guides, textbook readings, written assignments, traditional testing, and interaction with instructors. You have several options for viewing telelessons. You can:

- watch the lessons when they are broadcast—on the SPC cable channel and most Pinellas County cable systems-or tape them to view later
- view them on your computer via the Internet
- view them at any SPC library
- rent them for a one-time nonrefundable fee

Telecourse orientation, which is required, and telecourse exams are all held at SPC's Seminole Campus. For distant students who cannot come to the Seminole campus, specific arrangements can be made for taking exams at an SPC-approved testing site.

To learn more about telecourses, go to the eCampus home page, http://www.e.spcollege.edu and click on **Telecourse Resources** in the right navigation bar.

Teleweb Courses

In a teleweb course, you'll view "telelesson" videos, then use the Internet for assignments and interaction with your instructor and other students. You have the same choices for viewing the videos as you would in a telecourse (see above), and you'll need the same computer skills and resources as for online courses.

Course syllabi, assignments, quizzes and some tests are posted on the Internet. Depending on your course and instructor, you may need to come to the SPC Seminole Campus for exams.

TECHNICAL REQUIREMENTS FOR ONLINE COURSES

If you plan to take an online or teleweb course, you'll need access to a computer that meets eCampus' technical requirements, including an Internet connection and an e-mail account. Some e-courses also have specific requirements in addition to the basic ones. It's important to check the course description and the course's online Information Page for these requirements.

For complete information about technical requirements for e-courses, as well as online tutorials and other useful tools, go to the eCampus home page, **e.spcollege.edu**. Click on **Help/ FAQ** in the left navigation bar, then on **Technical Requirements, How-to's and Help.**

If your own computer doesn't meet the requirements, consider using the computers at SPC's campus computer labs, your local public library, or cyber-cafes in your area. If you are planning to take an online course on a computer at your workplace, check with the company's Information Technology staff to avoid any potential problems with firewalls.

COMPLETE ONLINE DEGREES AND CERTIFICATES

eCampus offers classes in more than 100 programs of study, with complete online degree and certificate programs in many fields. New courses and programs are constantly being added as eCampus grows. The eCampus Web site, http://www.e.spcollege.edu, is your best source of up-to-date listings. As this catalog goes to press, the following programs are available online:

Bachelor's Degrees (BAS)

Dental Hygiene
Technology Management

Associate in Arts Degrees (AA)

All courses required for an AA degree are available online.

Associate in Science (AS) Degrees

Crime Scene Technology
Emergency Administration and Management
Medical Laboratory Technology (8 hours of chemistry support courses must be taken at local colleges)
Veterinary Technology (Clinical component must be completed on-site in your own geographic area)

Certificates-Credit

Critical Care (Advanced Technical Certificate)
Emergency Administration and Management
Perioperative Nursing (Clinical component must be completed on-site in your own geographic area)
Computer Related Crime Investigations
Crime Scene Technology
Fire Officer I
Fire Inspector I
Fire Investigator I
Medical Coder
Quality Assurance and Software Testing

Certificates - Non-Credit

Quality Assurance and Quality Control

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ADMISSION, REGISTRATION, AND FINANCIAL AID

eCampus' admission requirements, registration procedures, and financial aid guidelines are the same as for on-campus classes. Although the per-credit-hour fee for eCampus courses is the same as for all others, there is an additional $20 lab fee per e-course.

The eCampus Web site offers a complete step-by-step guide to completing the admission and registration process online. Just go http://www.e.spcollege.edu and click on **Admission/Registration** in the left navigation bar.

The eCampus site is also your best source of information about support services and resources for distance students, including:

Sample online course—a virtual classroom where you can try out the interactive tools used in online classes.

E-course catalog—Course listings and descriptions for all eCampus courses, plus links to course Information Pages and registration.

Online Student Services Center—A whole array of tools and resources to help you in your college career, including the Library Online, information about off-site testing, tracking your academic progress, and more.

Help/FAQ—Technical how-to's, tips for success in e-learning, and answers to commonly asked questions about distance education at SPC.

Telecourse resources—The place to learn all about how telecourses work, download your course syllabus, and link to course videos online.

Cyber Advisors—Two real-life SPC professionals who specialize in helping eCampus students reach their educational goals.

For complete information about online, TV and teleweb classes at SPC, pick up an eCampus catalog at any SPC site, or go http://e.spcollege.edu.

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OPEN CAMPUS

Open Campus offers both credit and noncredit educational courses in the community through the following programs:

CREDIT PROGRAMS

Credit courses are offered at business sites, in high schools and in Europe through the International Study Program. Completed credit courses may be applied toward a degree. Students enrolled in the Open Campus Credit Program have all the privileges of regular, full-time on-campus students.

INTERNATIONAL STUDY PROGRAM

Through the International Study Program at St. Petersburg College, high school students may earn college credit as they take courses and tour ancient lands, browse through world-famous museums and enjoy architectural wonders of the modern world. Anyone who has completed 2 years of language in high school can participate in the Language Study program in Spanish. Registration starts in the fall; orientation is in the January preceding the summer study tours and courses begin in the spring semester. For more details, call the SPC International Study Program Director at (727) 341-4448.

SEMESTER EXPERIENCE ABROAD (SEA)

Study in Seville, Spain and earn credit at St. Petersburg College. Through the Semester Experience Abroad (SEA) program, you'll join other American students for a semester of learning that won't interrupt your degree program at SPC and won't require a knowledge of Spanish language.

In the SEA program, you'll explore the history, art, language and culture of the city of Seville. The program is offered during the fall and spring at the Institute International of Studies - Seville, in cooperation with the College Consortium for International Studies in Washington, D.C.

All courses are approved by the Florida Department of Education toward degree programs in this state.

For more information, contact the Director of International Studies (727) 341-4448 or 341-4458.

HIGH SCHOOL-COLLEGE DUAL CREDIT PROGRAM

Through St. Petersburg College, area high school students may take certain courses that give them credit toward a high school diploma and a college degree. Such credits then are transferable from SPC to other colleges and universities. The courses are available to public school, private school and home school students who are sophomores, juniors and seniors. The classes may be taken during the school day, as well as some evening hours.

Geared toward students with at least a 3.0 GPA, the Dual Credit Program offers courses at no expense - no fees for application, registration or texts (private school and home school students must purchase textbooks). Students must, however, provide their own transportation to classes.

To find out more, call SPC's Dual Credit Director at (727) 341-4448, or contact any high school guidance office.

FAST TRACK BA

High school students, who want the convenience of finishing college in just 3 years without going away, can get that process started while a high school sophomore or junior. The program is possible through a cooperative effort of Pinellas County Schools, St. Petersburg College and the University of South Florida St. Petersburg.

The Fast Track B.A. (Bachelor of Arts) program combines college-level courses available through the Dual Credit program with the Advanced Placement (AP) or International Baccalaureate (IB) programs. Students can complete a year of college credits before leaving high school, finish their Associate in Arts degree at SPC in one year, then move on to the USF St. Petersburg Campus - and graduate with a baccalaureate degree in one of 19 different majors just 2 years later.

Sponsored by the Florida Department of Education and implemented by St. Petersburg College, qualified students may receive dual high school and college credits. Students pay no fees for application, registration or textbooks (private school and home school students must purchase textbooks). For more information and assistance, students should contact the dual credit liaison at their high school or telephone St. Petersburg College, Dual Credit Program Director at (727) 341-4448.

CONTINUING EDUCATION HEALTH PROGRAM

SPC's CE Health program is one of the largest programs of its kind in the Florida Community College System. It offers over 200 continuing education courses, programs, seminars and conferences to Nurses, Allied Health and Mental Health professionals. In 1999, CE courses via the Internet - OnlinCE.net - was launched along with print courses in Vital Signs Magazine, expanding the CE Health Program's outreach to the state of Florida.

Through the CE Health Program, professionals can enhance their knowledge and skills by tailoring their continuing education to meet their specific professional needs. Nationally known speakers and local experts offer flexible, timely programs that cover a diverse range of topics. Classes are offered days, evenings or weekends at convenient locations throughout the county. A brochure featuring current course offerings is mailed to over 30,000 professionals in the community three times a year. For information call (727) 341-4548.

LIFELONG LEARNING/DRIVER IMPROVEMENT/ DIVORCE: A CHILD'S VIEW

Through the Lifelong Learning program the community can explore a variety of courses for enrichment, self-improvement and recreation. Voyager space and medical youth camps are featured during the summer. Also available are programs such as (1) the court-mandated "Divorce: A Child's View" for divorcing parents with children 18 and under; (2) Legal Guardian continuing Education; and (3) Three driver improvement courses: Basic Driver Improvement, Drug Awareness Education for first time drivers and Advanced Driver Education.

COLLEGE FOR KIDS

College for Kids is a program for children Kindergarten through sixth grade during June, July and August. Students who have successfully completed grades K-6 may attend College for Kids. SPC accommodates students with special needs in accordance with ADA requirements for colleges. With or without accommodation, students must have appropriate independent work skills and behaviors appropriate to high levels of activity within a loosely structured learning environment. All SPC College for Kids instructors are certified elementary school teachers who facilitate enjoyable and enhanced learning opportunities.

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CORPORATE TRAINING @ ICOT

PROFESSIONAL DEVELOPMENT TRAINING
Noreen Hodges (727) 341-4445

COMPUTER TRAINING
Anita George (727) 341-4526

Serving Pinellas County since 1985, SPC's Corporate Training offers a wide variety of individual and business related courses. Positioned as a strategic partner for both large and small corporations, this versatile department has two main areas of focus, professional development training and computer software training.

An important feature of Corporate Training is its flexibility. Classes and workshops range from a few hours to several days and can be designed for college credit or non-credit. Corporate Training brings a wealth of business training experience located in the ICOT Center Business Park, on the north side of Ulmerton Road in Clearwater. SPC@ICOT is located in an 11,000 square-foot facility, with classes open to the public or for customized programs for local organizations. It is designed to meet training needs by offering: 4 multimedia computer labs, 2 professional development rooms, a large conference room and a breakout room as well as ample parking. Custom classes can be scheduled when and where requested or at any of our convenient campus locations.

Corporate Training features and services:

- Customized professional development and computer software training and certificate programs for individuals, business and industry.
- On-site courses and seminars custom designed to meet unique corporate training needs.
- Custom courseware development services.
- Public workshops including regulated industries for the business community and professional groups.
- Flexible training schedules, low cost, with highly experienced trainers and consultants as instructors.
- Accredited by the Southern Association of Colleges and Schools.
- Scheduled courses are open to anyone.

Corporate Training professional affiliations are:

- American Society for Training & Development (ASTD)
- International Society for Performance Improvement (ISPI)
- Society for Human Resource Management (SHRM)
- Learning Resource Network (LERN)
- Florida Association of Community Colleges (FACC)

PROFESSIONAL DEVELOPMENT TRAINING

Although Corporate Training offers a wide cadre of college credit courses, it also provides noncredit training programs, seminars, certificate programs and conferences for individuals, business and industry, government and community agencies. Areas covered include profit and nonprofit management topics and professional development, project management, travel career training, business specific ESL (English As A Second Language), customized training for business and regulated industries.

Business trainees can earn Continuing Education Units (CEUs) for seminars, workshops and course work in topic areas such as tax preparation, business tax, continuing professional education for CPA's, architects, construction, enrolled agents, title insurance, appraisal, real estate and insurance. Certificates of Completion series are available covering topic areas such as: entrepreneurship, project management, customer service, administrative assistant and supervisory skills. Corporate Training now offers a full spectrum of training programs designed by Achieve Global (formerly Zenger Miller), D.D.I., and Franklin Covey that are presented by our certified trainers. In addition, Quick Response Grants funded by Workforce Florida are available to new and expanding Pinellas County organizations who meet the program criteria and qualifications.

COMPUTER TRAINING

Corporate Training's Computer Technology Department offers basic, intermediate and advanced training for many of the latest applications and operating systems. From introductory computer classes and mainstream business applications, to advanced programming and desktop publishing, our high quality computer training is quick and convenient.

In addition to daytime classes, training is also offered during evenings and weekends to fit busy schedules. Private classes can also be arranged for groups in your training facility or at our training center. Subject areas covered include: computer operating systems, office applications, word processing, networking, programming and desktop publishing. In addition to software application training, we also offer Internet training and Web page design classes.

Custom on-site computer software classes utilizing our portable lab can be arranged through Corporate Training. These classes can be based on existing or customized courseware. Courseware development is available at reasonable rates. Call on us for a quote to meet your specific training needs. Visit our web site at www.spcollege.edu/icot or email us at cts@spcollege.edu.

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GRADUATION REQUIREMENTS FOR ALL DEGREES, CERTIFICATES AND DIPLOMAS

(College Policy 6Hx23-4.24)

The College awards bachelors degrees, associate degrees, technical certificates and applied technology diplomas for satisfactory completion of a planned program of post-high school studies.

I. The following general requirements for graduation from St. Petersburg College must be met by all students who are candidates for the **Bachelor of Arts, Bachelor of Science or Bachelor of Applied Science Degrees.**
   A. Students must satisfactorily complete at least 120 semester hours of college-level credits. For residency purposes, at least 30 of the semester hours required for graduation must be earned at St. Petersburg College. Students who have left the College must be eligible to return for transfer credits to be accepted to meet graduation requirements. All other specific degree requirements must also be met. Credit awarded for college preparatory instruction (0000 designation courses) may not be counted toward fulfilling the total number of credits or the number of credits in residency required for a degree.
   B. For purposes of conferring the bachelor's degree, students must complete at least 40 semester hours of courses numbered 3000 level or above. At least 30 of the 40 hours must be earned at St. Petersburg College.
   C. Fulfill all requirements for the chosen major.
   D. Students must generally achieve a grade point average of 2.0 or better on a 4.0 scale for all work at St. Petersburg College considered alone and for all work at the College and transfer credits combined, except for the College of Education, which requires that students achieve 2.5 or better average in all coursework. The quality point value of transfer work accepted by the College will be included in grade point average computations for all purposes including determination of achievement of the required 2.0 grade point average to be graduated from St. Petersburg College. Individual programs may require a higher grade point average for graduation.
   E. Students must complete the general education requirements for the Associate in Arts degree including any assessment of educational outcomes that are required by the College.
   F. Students must satisfactorily complete the College-Level Academic Skills Test (CLAST) unless exempt. College of Education students do not qualify for exemptions from the CLAST.
   G. Students must complete the Gordon Rule requirement (met with an AA Degree).
   H. Students must complete 2 credits/consecutive years of the same foreign language or American Sign Language in high school (documented by an official high school transcript) or 8-10 hours in the same language or American Sign Language at the college level. Students may also provide official proof of successful completion of CLEP or other proficiency examination. Students admitted without this requirement met must satisfy it prior to graduation for any bachelor's program.
   I. Students have a 15-session period, beginning with the academic year of initial acceptance and enrollment into a specific baccalaureate degree at the junior level, in which to complete graduation requirements under the terms of the College catalog which was in effect at the time of their initial enrollment. However, students may opt to meet the program course requirements for any catalog year within the 15-session period based on advisement provided by the program director and/or the counselor/advisor. Students who have not graduated within the 15-session period will begin a new 15- session period upon their enrollment following the expiration of their previous 15-session period.
   J. Students must submit a graduation application to the campus Admissions/Registration Office. Graduation application deadlines will be published in the College catalog. Students must apply for graduation by the published deadline to be assured of final clearance for graduation, timely receipt of the diploma and participation in the graduation ceremonies. Late applications for graduation will be accepted until the last day of classes for the term in which the student wishes to graduate. However, students who apply late will not be listed in the graduation program and may not be able to order caps and gowns or participate in the graduation ceremonies.
   K. Special graduation requirements must be met for individual programs as follows:
      1. **Bachelor of Science in Education:** For graduation requirements, please refer to Section IV of Board Rule 6Hx23-4.72 College of Education Programs – Special Rules.
      2. **Bachelor of Science in Nursing** – completion of 40 semester hours of upper-division nursing coursework.
      3. **Bachelor of Applied Science in Technology Management** – completion of a minimum of 21 semester hours in the major in a single technical discipline.
      4. **Bachelor of Applied Science in Dental Hygiene** – completion of 40 semester hours of upper-division dental hygiene coursework. Ten (10) semester hours may be earned by the presentation of a valid and current dental hygiene license, from the state in which the applicant is practicing.

II. The following general requirements for graduation from St. Petersburg College must be met by all students who are candidates for the **Associate in Arts** degree:
   A. Students must satisfactorily complete at least 60 semester hours of college-level credits. At least 25 percent of the semester hours required for graduation must be earned at St. Petersburg College. Students who have left the College must be eligible to return for transfer credits to be accepted to meet graduation requirements. All other specific degree requirements must also be met. Credit awarded for college preparatory instruction (0000 designation courses) may not be counted toward fulfilling the total number of credits or the number of credits in residency, required for a degree.
   B. Students must achieve a grade-point average of 2.0 or better on a 4.0 scale, for all work at St. Petersburg College considered alone and for all work at the College and transfer credits combined. The quality point value of transfer work accepted by the College will be included in grade point average computations for all purposes including determination of achievement of the required 2.0 grade point average to be graduated from St. Petersburg College.

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C. Students must satisfactorily complete the general education requirements for the Associate in Arts degree including any assessment of educational outcomes that are required by the College.
D. Students must satisfactorily complete the College-Level Academic Skills Test (CLAST), unless exempt.
E. Students have a 15-session period, beginning with the academic year of initial enrollment, in which to complete graduation requirements under the terms of the College catalog which was in effect at the time of their initial enrollment. However, students may opt to meet the program course requirements for any catalog year within the 15-session period based on advisement provided by the program director and/or the counselor/advisor. Students who have not graduated within this 15-session period will begin a new 15 session period upon their next enrollment following the expiration of their previous 15-session period.
F. Students must submit a graduation application to the campus Admissions/Registration Office. Graduation application deadlines (usually the Friday of the 4th week of classes) will be published in the College catalog. Students must apply for graduation by the published deadline to be assured of final clearance for graduation, timely receipt of the diploma and participation in the graduation ceremonies. Late applications for graduation will be accepted until the last day of classes for the term in which the student wishes to graduate. However, students who apply late will not be listed in the graduation program and may not be able to order caps and gowns or participate in the graduation ceremonies.

III. The following general requirements for graduation from St. Petersburg College must be met by all students who are candidates for the **Associate in Science or Associate in Applied Science** degree:
A. Students must satisfactorily complete the general education requirements for the Associate in Science or Associate in Applied Science degree including any assessment of educational outcomes that are required by the College. Students must satisfactorily complete 25 percent of the semester hours required for graduation at St. Petersburg College including at least 12 credit hours in the major.
B. Students must satisfactorily complete the Associate in Science or Associate in Applied Science degree End of Program Assessment.
C. Students must achieve a grade point average of 2.0 or better on a 4.0 scale, for all work at St. Petersburg College considered alone and for all work at the College and transfer credits combined. The quality point value of transfer work accepted by the College will be included in grade point average computations for all purposes including determination of achievement of the required 2.0 grade point average to be graduated from St. Petersburg College.
D. Students have a 15-session period, beginning with the academic year of initial enrollment, in which to complete graduation requirements under the terms of the College catalog which was in effect at the time of their initial enrollment. However, students may opt to meet the program course requirements for any catalog year within the 15-session period based on advisement provided by the program director and/or the counselor/advisor. For students in limited enrollment programs, students must receive approval from the appropriate program director. For students enrolled in linkage programs, the 15-session period begins with their initial enrollment at their local college. Students who have not graduated within this 15-session period will begin a new 15-session period upon their next enrollment following the expiration of their previous 15-session period. In each of the selected admission A.S. degree programs, students have a 15-session period, beginning with the session of initial enrollment into the program, to complete the specialty courses required for the degree.
E. Students must submit a graduation application to the campus Admissions/Registration Office. Graduation application deadlines (usually the Friday of the 4th week of classes) will be published in the College catalog. Students must apply for graduation by the published deadline to be assured of final clearance for graduation, timely receipt of the diploma and participation in the graduation ceremonies. Late applications for graduation will be accepted until the last day of classes for the term in which the student wishes to graduate. However, students who apply late will not be listed in the graduation program and may not be able to order caps and gowns or participate in the graduation ceremonies.

IV. The following general requirements for completion must be met by all students who are candidates for **College Credit Certificates or Applied Technology Diplomas:**
Candidates must achieve a 2.0 grade point average or better on a 4.0 scale in all coursework applicable to either the College Credit Certificate or Applied Technology Diploma.

GRADUATION WITH HONORS

(College Policy 6Hx23-4.22)

I. Each student graduating with an associate degree from St. Petersburg College with a grade point ratio of 3.3 or higher on all college work will receive a special notation on their diploma indicating graduation with honors.
II. There are two categories of "honors" for graduation.
A. **"High honors"** is awarded when the student has earned a grade point average of 3.8 or higher on all St. Petersburg College work and, if the student has earned college credit elsewhere, has a combined grade point average on all college work of 3.8 or higher.
B. **"Honors"** is awarded when the student has earned a grade point average of 3.3 or higher on all St. Petersburg College work and, if the student has earned college credit elsewhere, has a combined grade point average on all college work of 3.3 or higher.

SUBSTITUTE GRADUATION REQUIREMENTS FOR STUDENTS WITH DISABILITIES

(College Policy 6Hx23-4.02)

The president is authorized to permit substitute graduation requirements for eligible students who have disabilities as defined by State Board of Education Rule 6A-10.041,F.A.C, to provide disabled students reasonable substitutions for graduation from the College. Procedures have been established to determine appropriate substitutions for these students on a case-by-case basis. Students with disabilities who believe they qualify for a substitution should contact the associate provost or provost at their campus or site.

COLLEGE LEVEL ACADEMIC SKILLS TEST (CLAST)

The state of Florida, through Florida statutes and rules of the State Board of Education, requires all students in Florida public community/junior colleges and universities to pass the College-Level Academic Skills Test (CLAST) to be awarded the Associate in Arts or to be admitted to upper division status, unless exempted (see below).

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The CLAST measures the communication and computation skills that are judged by state university and community college faculty to be those skills that college students should have acquired by the end of their sophomore year. Students must pass all 4 subtests to be awarded an Associate in Arts degree or to be admitted to upper division status in state universities in Florida. The CLAST requirements also apply to students transferring to state universities in Florida from private Florida colleges as well as from out-of-state colleges.

Students who are otherwise qualified for admission to upper division status at a state university and who have satisfied the minimum standards on only 3 of the 4 subtests of the CLAST may enroll for an additional 36 credits in upper division courses in a state university before passing all 4 subtests.

Eligibility for Taking the CLAST

To be eligible to take the CLAST students must successfully have completed at least 18 credit hours of college-level courses. College preparatory credits do not count toward the 18 hours.

Students register to take the test during the regular course schedule registration of the session in which the CLAST will be taken.

CLAST Exemption

There are alternative ways to meet the CLAST exit requirements for the Associate in Arts degree. Students who have 2.5 GPAs in appropriate courses may qualify for exemptions. Students who achieve a score of 500 on the Verbal and/or Math portion of the SAT 1, or a 21 score on the Enhanced Act in Mathematics, 21 on the English and/or 22 on the Reading may be exempt from all or a portion of the CLAST. To determine if you qualify for an exemption from CLAST, please contact the counseling/advising department.

Special Testing Conditions for Students with Disabilities

There are provisions for adaptations of test materials and conditions so a student with a record of a physiological disorder that substantially impairs visual, auditory, manual or speaking abilities or with a record of a learning disability can demonstrate achievement of CLAST skills. Such students must notify the Institutional Test Administrator (telephone (727) 341-4771) prior to the CLAST registration deadline.

CLAST Appeals

Students with specific learning disabilities or physiological disorders may appeal for special consideration. In addition, students who have met all requirements for graduation with the exception of CLAST and who have failed any subtest 4 times and who believe they have demonstrated appropriate proficiency through coursework may appeal for a waiver. All appeals go to the CLAST Appeals Committee.

Minimum CLAST Score Standards for Each Subtest

Effective October 1992

Reading	295
English Language Skills	295
Math	295
Essay	6

Skills Tested by the CLAST (With Major SPC Courses That Contain the Skills)

ESSAY SKILLS (ENC 1101, ENC 1102, ENC 1121H, ENC 1122H, ENC 2210, ENC 2301)

- Select a subject which lends itself to development
- Determine the purpose and audience for writing
- Limit a subject to requirements of time, purpose and audience
- Formulate a thesis or main idea statement
- Provide adequate supporting details
- Arrange ideas and details in an organizational pattern appropriate to the purpose and focus
- Provide relevant supporting material
- Write coherent prose with effective transition between parts
- Avoid slang, jargon, clichés and pretentious expressions
- Use a variety of sentence patterns
- Avoid unnecessary use of passive construction
- Maintain consistent point of view
- Revise, edit, and proofread for clarity, consistency and conformity

All of the skills tested on the English language skills subtest are also evaluated on the essay subtest.

ENGLISH LANGUAGE SKILLS (Same courses as for essay skills as well as all college preparatory English courses)

Word Choice Skills

- Use words which convey the meaning required by context
- Avoid wordiness

Sentence Structure Skills

- Place modifiers correctly
- Coordinate and subordinate sentence elements effectively
- Use parallel expressions for parallel ideas
- Avoid fragments, comma splices and fused sentences

Grammar, Spelling, Capitalization, and Punctuation Skills

- Use standard verb forms
- Maintain agreement between subject and verb
- Maintain agreement between pronoun and antecedent
- Use proper case forms
- Use adjectives and adverbs correctly
- Avoid inappropriate shifts in verb tense
- Make logical comparisons
- Use standard spelling, punctuation and capitalization

READING SKILLS (REA 1105, REA 1205, REA 0001, REA 0002, REA 0012)

Literal Comprehension

- Recognize main ideas
- Identify supporting details
- Determine meaning of words in context

Critical Comprehension

- Recognize author's purpose
- Identify organizational pattern
- Distinguish between fact and opinion
- Detect bias
- Recognize author's tone
- Recognize relationships within sentences
- Recognize relationships between sentences
- Recognize valid arguments
- Draw inferences and conclusions

MATHEMATICS SKILLS (MAT 1033, MGF 1106, MGF 1107, MAC 1105, MAT 0012, MAT 0024)

Arithmetic Skills

- Add, subtract, multiply and divide rational numbers in fractional form
- Add, subtract, multiply and divide rational numbers in decimal form
- Solve the sentence 'a% of b is c,' where values for two of the variables are given.
- Calculate percent increase and percent decrease
- Recognize the meaning of exponents
- Recognize the role of the base number in determining place value in the base ten numeration system
- Identify equivalent forms of decimals, percents and fractions
- Determine the order relation between real numbers
- Identify a reasonable estimate of a sum, average or product of numbers
- Infer relations between numbers in general by examining particular number pairs

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- Solve real-world problems which do not involve the use of percent
- Solve real-world problems which involve the use of percent
- Solve problems that involve the structure and logic of arithmetic

Geometry and Measurement Skills

- Round measurements
- Calculate distance, areas, and volumes
- Identify relationships between angle measures
- Classify simple plane figures by recognizing their properties
- Recognize similar triangles and their properties
- Identify appropriate units of measurement (linear, square, cubic) for geometric objects
- Infer formulas for measuring geometric figures
- Select applicable formulas for computing measures of geometric figures
- Solve real-world problems involving perimeters, areas and volumes of geometric figures
- Solve real-world problems involving the Pythagorean property

Algebra Skills

- Add, subtract, multiply, and divide real numbers
- Apply the order-of-operations agreement to numerical and algebraic expressions
- Use scientific notation
- Solve linear equations and inequalities
- Use formulas to compute results
- Find particular values of a function
- Factor a quadratic expression
- Find the roots of a quadratic equation
- Solve a system of two linear equations in two unknowns
- Use properties of operations correctly
- Determine whether a particular number is among the solutions of a given equation or inequality
- Recognize statements and conditions of proportionality and variation
- Identify regions of the coordinate plane which correspond to specific conditions and vice versa
- Use applicable properties to select equivalent equations and inequalities
- Solve real-world problems involving the use of variables
- Solve problems that involve the structure and logic of algebra

Statistics Skills, Including Probability

- Identify information contained in bar, line and circle graphs
- Determine the mean, median, and mode of a set of numbers
- Use the fundamental counting principle
- Recognize properties and interrelationships among the mean, median and mode
- Choose the most appropriate procedures for selecting an unbiased sample
- Identify the probability of a specified outcome
- Infer relations and make accurate predictions from studying statistical data
- Interpret real-world data involving frequency and cumulative frequency tables
- Solve real-world problems involving probabilities

Logical Reasoning Skills

- Deduce facts of set inclusion or set non-inclusion from a diagram
- Identify statements equivalent to the negations of simple and compound statements
- Determine equivalence or nonequivalence of statements
- Draw logical conclusions from data
- Recognize invalid arguments with true conclusions
- Recognize valid reasoning patterns of valid arguments in everyday language
- Select applicable rules for transforming statements without affecting their meaning
- Draw logical conclusions when facts warrant them

WRITING REQUIREMENTS

State Board of Education Rule 6A-10.30 requires students completing the Associate in Arts Degree to produce written work of at least 24,000 words in 12 semester hours of English course work. Colleges could submit alternative plans. St. Petersburg College's alternative plan is included in the GENERAL EDUCATION REQUIREMENTS FOR THE ASSOCIATE IN ARTS DEGREE. Also, see Alternative Plan for Gordon Rule Requirements for additional writing requirements information.

FOREIGN LANGUAGE REQUIREMENTS

All undergraduate students who are admitted to a public university or college in Florida shall have earned 2 credits of sequential foreign language in high school or 8 to 10 semester credits in one foreign language at the college level. This includes demonstrated proficiency in American Sign Language, e.g., 2 credits of high school level instruction or 8 to 10 credit hours of college level instruction. The law specifically exempts 2 groups of undergraduate students from the foreign language requirement:

1. students who received Associate in Arts Degrees prior to September 1, 1989, and
2. students who enrolled full-time in a program of study leading to an Associate in Arts Degree from a Florida community college prior to August 1, 1989, and who maintain continuous full-time enrollment until they are admitted to a university. (Continuous full-time enrollment shall be defined as enrollment in one course per academic year until admitted to a university.)

In addition, the rule provides for a limited number of students to be admitted to the State University System without meeting the foreign language requirement if there is evidence that the applicant is expected to do successful academic work at the admitting university. However, any Associate in Arts degree graduate from a public community college or university in Florida, or other upper-division transfer student, admitted without meeting the foreign language requirement, must earn such credits prior to graduation from a state university.

Students are strongly encouraged to complete foreign language requirements at the junior (community) college. Students should not confuse this admissions requirement to the state universities with the foreign language exit/graduation requirements each institution may have. Students should check with the university they plan to attend to determine that institution's foreign language graduation requirement.

ARTICULATION AGREEMENT

General Education Agreement

State Board of Education Regulation 6A-10.024 stipulates that after a public university or community college in Florida has published its general education core curriculum, the integrity of that curriculum shall be recognized by the other public universities and community colleges. Once a student has been certified by St. Petersburg College on the official transcript as having completed satisfactorily the prescribed general education core curriculum, regardless of whether the associate degree is conferred, no other state university or community college in Florida to which he or she may transfer shall require any further such general education courses.

If articulation problems should occur, students should contact the community college articulation officer at the state university they are attending or contact the associate provost on their home campus at St. Petersburg College.

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Transfer Agreement

Florida law provides that "every associate in arts graduate of a Florida community college must be granted admission to an upper division program offered by a state university institution except to: a limited access program; a teacher certification program; or a major program requiring an audition or portfolio." After admission has been granted to A.A. graduates as specified above and to state university system students who have successfully completed 60 credit hours of course work (and met the requirements of Section 240.107 F. S.), admission shall then be granted to other state university system students who have not completed 60 credit hours and Florida community college students who have successfully completed 60 credit hours but who have not been granted an AA degree. The law further gives priority for admission to a state university to community college associate in arts graduates over out-of-state students.

Effective August 2000, all graduates of an associate in science degree program listed in the Statewide Articulation Manual shall be granted admission into a corresponding baccalaureate program at the state universities, except for limited access programs and those requiring specific grades on particular courses for admission.

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ASSOCIATE IN ARTS DEGREE

GENERAL EDUCATION REQUIREMENTS FOR ASSOCIATE DEGREE PROGRAMS

(College Policy 6Hx23-4.32)

I. **GENERAL EDUCATION REQUIREMENTS FOR THE ASSOCIATE IN ARTS DEGREE**

The general education requirements for the Associate in Arts degree consist of a minimum of 36 semester hours of credit. The minimum area requirements for the 36 semester hours are as follows:

A. **COMMUNICATION – Grade of "C" or higher – 14,000 words ..... 9 credits**

This requirement may be met by completing 1, 2 and 3 below:

1. ENC 1101 Composition I **OR** (**6,000 words each**) ..... 3 credits
   ENC 1121H Honors Composition I
   NOTE: ENC 1101 or ENC 1121H must be completed within the first 24 semester hours of coursework.
2. **One of the following 3 semester hour courses**: **(6,000 words)** ..... 3 credits
   ENC 1102 Composition II
   ENC 1122H Honors Composition II
   AML 2012 American Literature I
   AML 2022 American Literature II
   ENL 2012 British Literature I
   ENL 2022 British Literature II
   LIT 2110 World Literature I
   LIT 2120 World Literature II
   NOTE: ENC 1102 **or** its equivalent course from this list must be completed within the first 36 semester hours of coursework.
3. **One of the following 3 semester hour courses**: **(2,000 words)** ..... 3 credits
   SPC 1600 Introduction to Speech Communication
   SPC 1600H Honors Introduction to Speech Communication
   SPC 1016 Business and Professional Speaking
   SPC 1060 Public Speaking

B. **HUMANITIES/FINE ARTS – Grade of "C" or higher – 4,000 words ..... 6 credits**

This requirement may be met by completing 1 and 2 below: (2,000 words each)

1. *HUM 2210 Western Humanities I (Ancient through Renaissance) **OR** (HUM2210H)
   *HUM 2233 Western Humanities II (Baroque to the Present) **OR** (HUM2233H)
   HUM 2250 Humanities (Western Man) **OR (HUM2250H)
   *Students who have received credit for HUM 2250 cannot also receive credit for HUM 2210 or HUM 2233.
   **For students who completed HUM 2250 prior to Session I, 1996-97.
2. **One of the following 3 semester hour courses (2,000 words) .....** 3 credits
   ARH 1000 Understanding Art
   ARH 2050 Art History I
   ARH 2051 Art History II
   *HUM 2210 Western Humanities I (Ancient through Renaissance) **OR** (HUM2210H)
   *HUM 2233 Western Humanities II (Baroque to the Present) **OR** (HUM2233H)
   HUM 2270 Humanities (East-West Synthesis) **OR** (HUM2270H)
   MUH 1110 Introduction to Music
   MUL 1010 Introduction to Music History
   PHI 1010 Introduction to Philosophy
   REL 2300 World Religions

C. **MATHEMATICS – Grade of "C" or higher ..... 6 credits**

This requirement may be met by completing any two courses with a MAC, MAP, MAS, MGF or MTG prefix. STA 2023 may be substituted for any one course.

D. **NATURAL SCIENCES**

(A minimum of 6 semester hours including at least one laboratory course, shown with an "L" in the prefix, **or** laboratory/ lecture course shown with a "C" in the prefix.) This requirement may be met by completing 1 **and** 2 below; **OR** 9 semester hours (not including a laboratory experience) from a combination of 1 **and** 2 below; **OR** a minimum of 12 semester hours from either field alone.

1. **BIOLOGICAL SCIENCES ..... 3 credits**
   BOT 1000C Botany with Lab
   BSC 1005 Biological Science
   BSC 1005L Biological Science Lab
   BSC 2010-2010L Biology I Cellular Processes/ Lab
   BSC 2011-2011L Biology II Organisms and Ecology/Lab
   BSC 1083 Human Anatomy

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BSC 1083L Human Anatomy Lab
BSC 1085-1085L Human Anatomy and Physiology I/Lab
BSC 1086-1086L Human Anatomy and Physiology II/Lab
BSC 1930 Biological Issues
BSC 2250C Field Biology of Florida Plants and Animals w/ Lab
HUN 1201 Science of Nutrition
MCB 2010-2010L Microbiology and Lab
OCB 1000C Biology of Marine Life

2. **PHYSICAL SCIENCES ..... 3 credits**
AST XXXX Astronomy prefix course
(Note: Students taking AST 1002 cannot also receive credit for AST 1003 and AST 1004)
CHM XXXX Chemistry prefix course
GLY XXXX Geology prefix course
PHY XXXX Physics prefix course
PSC XXXX Physical Science prefix course
EVS 1001 Introduction to Environmental Science
ISC 1001L Methods of Science Laboratory
ISC 1141 Earth Sciences
MET 2010 Introductory Meteorology
OCE 2001 Introduction to Oceanography
OCE 2001L Oceanography Laboratory

E. **SOCIAL AND BEHAVIORAL SCIENCES – 4,000 words ..... 6 credits**
This requirement may be met by completing 1 and 2 below with a grade of "C" or higher:
1. POS 2041 American National Government – **2,000 words OR**
POS 2050H Honors American Government – **2,000 words**
2. **One of the following 3 semester hour courses – (2,000 words)** ..... 3 credits
AMH 1091 African-American History
AMH 2010 History of the United States to 1865
AMH 2020 History of the United States from 1865
AMH 2059 The United States in Vietnam
ANT 2000 Introduction to Anthropology
ANT 2003 Survey Anthropology
ANT 2410 Cultural Anthropology
ECO 2013 Principles of Macroeconomics **OR** (ECO 2013H)
ECO 2023 Principles of Microeconomics **OR** (ECO 2023H)
EUH 1000 Development Western Civilization I to 1500
EUH 1001 Development of Western Civilization II from 1500
GEA 2172 Geography of the Developing World
GEA 2174 Geography of Developed World
INR 2002 International Relations **OR** (INR 2002H)
POS 2112 State and Local Government
PSY 1012 General Psychology
SYG 2000 Introductory Sociology
SYG 2010 Social Problems
SYG 2221 Woman and Society
SYG 2430 Marriage and Family
WOH 2040 The Twentieth Century

F. **ETHICS – Grade of "C" or higher – 2,000 words ..... 3 credits**
PHI 1600 or PHI 1602H or PHI 1631 or PHI 2649 or PHI 1603 **and** either PHI 2621 **or** PHI 2622

G. **COMPUTER/INFORMATION LITERACY COMPETENCY** (no minimum credit hours required).
Computer/information literacy competency may be demonstrated by completing one of the following:
1. Passing a College-approved Basic Computer/Information Skills Competency Test or;
2. Successful completion of at least one of the following:
a. CTS 1101 Basic Computer and Information Literacy.
b. CGS 1100 Microcomputer Applications (as revised in 2002) **or**
LIS 1002, CGS 1510 **and** OST 1741;
c. EME 2040 Introduction to Educational Technology (as revised in 2002), preferred for Education majors.

II. **GENERAL EDUCATION ALTERNATIVES FOR INTERDISCIPLINARY STUDIES IN THE ASSOCIATE IN ARTS DEGREE**
Students achieving a satisfactory score on the reading and English language sections of the College Placement Test and who receive an interview orientation with Interdisciplinary Studies Program faculty may enroll in this option of the regular general education program. The minimum area requirements for this 27 credit hour option are as follows:

A. A, B, E and F above: INTERDISCIPLINARY STUDIES (a minimum of 27 semester hours). This requirement may be met by completing 1, 2 **and** 3 below:
1. IDS 1101H – Honors Interdisciplinary Studies - Ancient*
2. IDS 1102H – Honors Interdisciplinary Studies - Medieval/Renaissance*
3. IDS 2103H – Honors Interdisciplinary Studies - Modern*
*A grade of "C" or higher is required for each of these courses.

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B. Students partially completing the Interdisciplinary Studies will receive advanced standing credit toward the completion of the general education program, Section I above, as follows:
   1. IDS 1101H – ENC 1101, HUM 2210 **and** EUH 1000 (all required).
   2. IDS 1102H – ENC 1102, SPC 1600 **and** HUM 2233 (all required).
   3. IDS 2103H – POS 2041, LIT 2120 **and** PHI 1600 (2 required, 1 elective).

C. C, G **and** H above
   No general education alternatives for IDS Studies.

III. **ALTERNATIVE PLAN FOR GORDON RULE REQUIREMENTS IN THE ASSOCIATE IN ARTS DEGREE PROGRAM**
(SBE Rule 6A-010.30(2)(a))
The Board of Trustees of St. Petersburg College has submitted to the State Board of Education and had approved an alternative to the provision of this Rule requiring students to produce written work of at least 24,000 words in 12 semester hours of English coursework. This alternative requires completing of the following courses with a grade of "C" or higher in each course:

	Course			Minimum Words
A.	ENC	1101	Composition I **or**	6,000
	ENC	1121H	Honors Composition I	
B.	One of the following courses:			6,000
	ENC	1102	Composition II	
	ENC	1122H	Honors Composition II	
	AML	2012	American Literature I	
	AML	2022	American Literature II	
	ENL	2012	British Literature I	
	ENL	2022	British Literature II	
	LIT	2110	World Literature I	
	LIT	2120	World Literature II	
C.	One of the following courses:			2,000
	SPC	1600	Introduction to Speech Communication	
	SPC	1600H	Honors Introduction to Speech Communication	
	SPC	1016	Business and Professional Speaking	
	SPC	1060	Public Speaking	
D.	One of the following courses:			2,000
	HUM	2210	Western Humanities I (Ancient through Renaissance)	
	HUM	2210H	Honors Western Humanities I (Ancient through Renaissance)	
	HUM	2233	Western Humanities II (Baroque to the Present)	
	HUM	2233H	Honors Western Humanities II (Baroque to the Present)	
E.	One of the following courses:			2,000
	ARH	1000	Understanding Art	
	ARH	2050	Art History I	
	ARH	2051	Art History II	
	HUM	2210	Western Humanities I (Ancient through Renaissance)	
	HUM	2210H	Honors Western Humanities I (Ancient through Renaissance)	
	HUM	2233	Western Humanities II (Baroque to the Present)	
	HUM	2233H	Honors Western Humanities II (Baroque to the Present)	
	HUM	2270	Humanities (East-West Synthesis)	
	HUM	2270H	Honors Humanities (East-West Synthesis)	
	MUH	1110	Introduction to Music	
	MUL	1010	Introduction to Music History	
	PHI	1010	Introduction to Philosophy	
	REL	2300	World Religions Course	
F.	POS	2041	American National Government **or**	2,000
	POS	2050H	Honors American Government	
	AND			
	One of the following courses:			2,000
	AMH	1091	African-American History	
	AMH	2010	History of the United States to 1865	
	AMH	2020	History of the United States from 1865	
	AMH	2059	The United States in Vietnam	
	ANT	2000	Introduction to Anthropology	
	ANT	2003	Survey of Anthropology	
	ANT	2410	Cultural Anthropology	
	ECO	2013	Principles of Macroeconomics (or Honors)	
	ECO	2023	Principles of Microeconomics (or Honors)	
	EUH	1000	Development of Western Civilization I to 1500	
	EUH	1001	Development of Western Civilization II from 1500	
	GEA	2172	Geography of the Developing World	
	GEA	2174	Geography of the Developed World	
	INR	2002	International Relations	
	POS	2112	State and Local Government	
	PSY	1012	General Psychology	
	SYG	2000	Introductory Sociology	
	SYG	2010	Social Problems	
	SYG	2221	Woman and Society	
	SYG	2430	Marriage and Family	
	WOH	2040	The Twentieth Century	
G.	One of the following courses:			2,000
	PHI	1600	Studies in Applied Ethics	
	PHI	1602H	Honors Studies in Applied Ethics	
	PHI	1631	Studies in Professional Ethics	
	PHI	2649	Applied Ethics in Public Safety Professions	
	PHI	1603	Applied Ethics	
			TOTAL	**24,000**

These courses are designated with a "G" in the course descriptions section of the catalog.
Mathematics requirements may vary with transfer institution and major.

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DIVERSITY REQUIREMENT

The College recognizes that communities are comprised of, and enriched by, people of diverse backgrounds. The study of diversity is encouraged to promote an understanding of the needs of individuals, the College, and society. Thus students going for a degree in education must complete 6 credit hours from the following list:

AMH	1091	African-American History
ANT	2000	Introduction to Anthropology
ANT	2003	Survey of Anthropology
ANT	2410	Cultural Anthropology
EUH	1000	Development of Western Civilization I
EUH	1001	Development of Western Civilization II
FRE	1120	Elementary French I (or Honors)
FRE	1121	Elementary French II (or Honors)
FRE	2200	Intermediate French I
FRE	2201	Intermediate French II
GEA	2174	Geography of the Developed World
HUM	2210	Western Humanities I (or Honors)
HUM	2233	Western Humanities II (or Honors)
HUM	2270	Humanities (East-West Synthesis) (or Honors
REL	2300	World Religions
RUS	1120	Elementary Russian I
RUS	1121	Elementary Russian II
SPA	1612	Basic American Sign Language
SPA	1613	Intermediate American Sign Language
SPA	1614	Advanced American Sign Language
SPA	1617	Structure of American Sign Language
SPA	1626	Fingerspelling
SPN	1120	Elementary Spanish I
SPN	1122H	Honors Elementary Spanish I
SPN	1121	Elementary Spanish II
SPN	1123H	Honors Elementary Spanish II
SPN	2200	Intermediate Spanish I
SPN	2201	Intermediate Spanish II
SYG	2221	Women and Society
WHO	2040	The Twentieth Century

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UNIVERSITY PARALLEL PROGRAMS
SAMPLE ASSOCIATE IN ARTS DEGREES

St. Petersburg College is dedicated to the task of assisting students toward their goal of achieving a college education.

During the first two years of college at St. Petersburg College, students secure a broad education in the area of English, Humanities, Social Science, Laboratory Science, Mathematics and Computers; in addition, they begin specialized work in their own particular fields of interest. It is the aim of SPC to provide quality instruction for transfer credit to senior institutions. The Associate in Arts degree program is intended for students planning to transfer to a public university or college to pursue Bachelor of Arts or certain Bachelor of Science degrees. The Associate in Arts degree requirements, as outlined on the previous pages, are designed to enable graduates to transfer at the junior level into B.A. as well as many B.S. degree programs at public universities and colleges in Florida and other states. The selection of elective courses should be based on information regarding requirements of the student's intended transfer institution and major field of study. This information may be obtained from counselors/advisors and the appropriate college catalogs.

GENERAL EDUCATION

See the General Education Requirements shown in the Catalog ..... 36 Credits

PREREQUISITES AND ELECTIVES

Request detailed information for requirements for each major from your Counselor or Academic Advisor ..... 24 Credits

TOTAL ..... 60 Credits

The State Universities and Community Colleges have developed common prerequisites for each of the majors offered in the State University System. For some of the majors the prerequisites are few, leaving students many choices for the courses they may take to satisfy General Education requirements and leaving room for additional electives. On the other hand, many majors have specified detailed prerequisites that will require careful course choices for satisfaction of the 36 hour General Education requirement as well as for the remaining 24 hours that students have to complete for the Associate in Arts Degree.

Students must make certain that they meet the specific requirements of the institutions to which they plan to transfer.

Detailed information regarding the prerequisites for majors, institutional requirements and other important information for transfer students is provided in the Recommended A.A. Degree Programs Guide for approximately 250 majors. This complete Recommended A.A. Degree Programs Guide is available on the FACTS website — www.FACTS.org.

SAMPLE A. A. DEGREE PROGRAMS PREPARING FOR A BACHELOR'S DEGREE in the following programs are included in this catalog:

- Architecture
- Biology Teacher Education
- Business and Management
- Pharmacy
- Communication (Mass)
- Elementary Teacher Education
- English Teacher Education
- Engineering
- Humanities
- Life Sciences
- Mathematics
- Secondary Mathematics Education
- Social Work
- Special Education
- Visual and Performing Arts – Music
- Visual and Performing Arts – Art Education

A complete listing of all majors offered at public universities and colleges follows the sample degree programs listed above.

SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN ARCHITECTURE

Architecture – FAMU*, FAU, UF*

(ARCH-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	Composition I	3
ENC	1102	Composition II **OR** (approved Literature Course)	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
HUM	2210	Western Humanities I or (HUM2210H) **OR**	3
HUM	2233	Western Humanities II or (HUM2233H)	(3)
HUM	2270	Humanities (East-West Synthesis) **OR** (approved Humanities/Fine Arts course)	3
MAC	1105	[y] College Algebra	3
MAC	2233	[a,b] Applied Calculus	3
Biological Sciences Approved Course			3
PHY	1053	[a,g] General Physics I	3
Biological Science or Physical Science Lab			1
POS	2041	American National Government or (Honors)	3
Social and Behavioral Sciences Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631or 2649)	3
Computer/Information Literacy Competency Requirement			

PREREQUISITE COURSES IN THE MAJOR

The following courses are required for admission to major in addition to those listed under General Education:

ARC	1211	[c] The Building Arts	3
ARC	1301	Architectural Design I	4
ARC	1302	Architectural Design II	4
ARC	1701	Architectural History	3
ARC	2201	[d] Architectural Theory I	3
ARC	2303	[z] Architectural Design III	4
ARC	2304	[z] Architectural Design IV	4
ARC	2461	[e,z] Materials and Methods of Construction I	3
ARC	2501	[f] Architectural Structures I	4

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester hours credit of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.

* Limited Access Program

a This course is a prerequisite for admission to the major even though listed among the General Education.

b Acceptable substitute: MAC 3311.

c Acceptable substitutes: ARH x000 or ARC x702.

d Acceptable substitute: ARC 3206.

e Acceptable substitute: ARC x472

f Acceptable substitute: ARC x580.

g Acceptable substitutes: PHY x004.

y This course not required for major but is the prerequisite for the required MAC 2233.

z Our courses, ARC 2303, ARC 2304 & ARC 2461, are each 1 credit short of Common Prerequisite requirement.

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.

General Education Requirements normally total 36 credit hours. This total is higher because some of the **Common Prerequisite requirements are shown in the General Education Requirements listing.**

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SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN BUSINESS & MANAGEMENT

Business, General – FSU*, UCF, USF*
Business Administration & Management – FAMU, FAU, FGCU, FIU*, FSU*, UCF, UF, UNF, USF*, UWF
Accounting – FAMU, FAU, FGCU, FIU, FSU*, UCF, UF*, UNF, USF*, UWF
Financial Services – UNF
Mgmt Info Systems/Business Data Processing – University Partnership Center at St. Petersburg College**

(BUS-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101		Composition I	3
ENC	1102		Composition II **OR** (an approved Literature course)	3
SPC	1600		Introduction to Speech **OR** (SPC 1016, 1060, or 1600H)	3
HUM	2210		Western Humanities I or (Honors) **OR**	3
HUM	2233		Western Humanities II or (Honors)	(3)
HUM	2270		Humanities (East-West Synthesis) **OR** (an approved Humanities/Fine Arts course)	3
MAC	2233	a,b,zz	Applied Calculus I	3
STA	2023	c,zz	Elementary Statistics	3
Natural Sciences			One Biological & One Physical Science Course (One course must include a lab)	6
POS	2041		American National Government or (Honors)	3
ECO	2013	a	Principles of Macroeconomics or (Honors)	3
PHI	1600		Studies in Applied Ethics **OR** (PHI 1602H, 1631 or 2649)	3
CGS	1100	a,d	Microcomputer Applications	3

PREREQUISITE COURSES IN THE MAJOR

The following courses are required for admission to major in addition to those listed under General Education:

ECO	2023		Principles of Microeconomics (or Honors)	3
ACG	2021	e	Financial Accounting	3
ACG	2071	f	Managerial Accounting	3

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight-semester hours credit of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.

* Limited Access Program
a This course is a prerequisite for admission to the major even though listed among the General Ed. Requirements.
b For all the majors except Accounting MAC x230 will substitute for MAC x233.
c Acceptable substitute: QMB X100.
d Acceptable substitutes: Demonstrated competency or one of the following equivalent courses: CGS x530, x570, x060, x100, x531, x000, MAN x812.
e Acceptable substitute: ACG X001 and ACG X011.
f For the Accounting Major at FSU, UF and USF, ACG X071 will count toward the degree as elective credits for transfer students,. However, it is recommended that native students take another non-accounting elective.
zz At UCF, ECO 3401 is an acceptable substitute for STA X023 and MAC X233.

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.

General Education Requirements normally total 36 credit hours. This total is higher because some of the Common Prerequisite requirements are shown in the General Education Requirements listing.

****A special articulation agreement with the University of Florida permits excellent transfer and credit opportunities through the University Partnership Center at St. Petersburg College.**

SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN PHARMACY

Pharmacy (Pharm D) – UF*, – University Partnership Center at St. Petersburg College**

(PHARM-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101		Composition I	3
ENC	1102		Composition II **OR** (an approved Literature course)	3
SPC	1600	a	Introduction to Speech Communication	3
HUM	2210		Western Humanities I (or Honors) **OR**	3
HUM	2233		Western Humanities II (or Honors)	(3)
HUM	2270		Humanities (East-West Synthesis) **OR** (an approved Humanities/Fine Arts course)	3
MAC	1114	a c	Trigonometry **AND**	3
MAC	1140	a c	Pre-Calculus Algebra	3
BSC	2010	a b	Biology I - Cellular Processes	3
BSC	2010L	a b	Biology Lab I - Cellular Processes	1
CHM	1045	a	General Chemistry & Qualitative Analysis I	3
CHM	1045L	a	General Chemistry & Qualitative Analysis Lab I	1
POS	2041		American National Government (or Honors)	3
Social and Behavioral Sciences Approved Course				3
PHI	1600		Studies in Applied Ethics **OR** (PHI 1602H, 1631 or PHI 2649)	3
Computer/Information Literacy Competency Requirement				

PREREQUISITE COURSES IN THE MAJOR

The following courses are required for admission to major in addition to those listed under General Education Requirements:

BSC	2011	s	Biology II - Organisms & Ecology	3
BSC	2011L	s	Biology Lab II - Organisms & Ecology	1
BSC	1085	t	Human Anatomy & Physiology I	3
BSC	1085L	t	Human Anatomy & Physiology Lab I **AND**	1
BSC	1086	t	Human Anatomy & Physiology II	3
BSC	1086L	t	Human Anatomy & Physiology Lab II	1
CHM	1046		General Chemistry & Qualitative Analysis II	3
CHM	1046L		General Chemistry & Qualitative Analysis Lab II	1
CHM	2210		Organic Chemistry I	3
CHM	2210L		Organic Chemistry Lab I	1
CHM	2211		Organic Chemistry II	3
CHM	2211L		Organic Chemistry Lab II	1
MAC	2311	u	Calculus with Analytic Geometry I	5
PHY	X053/X053L	x v	General Physics I/Lab **AND**	4
PHY	X054/X054L	x v	General Physics II/Lab	4

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester credits of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.

* Limited Access Program
a This course is a prerequisite for admission to the major even though listed among the General Education Requirements.
b Acceptable substitute: BOT X010/X010L (4 credits).
c Acceptable substitute: MAC X142.
s Acceptable substitute: ZOO X303/X303L (4 credits).
t Acceptable substitute : BSC X093/X093L AND BSC X094/X094L OR PET X320C AND PET X350C.
u Acceptable substitute : MAC X233.
v Acceptable substitute : PHY X004/X004L AND PHY X 005/X005L.
x Lab not available.

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.

General Education Requirements normally total 36 credit hours. This total is higher because some of the Common Prerequisite requirements are shown in the General Education Requirements listing.

****A special articulation agreement with the University of Florida permits excellent transfer and credit opportunities through the University Partnership Center at St. Petersburg College.**

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SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN MASS COMMUNICATIONS

Communication (Mass) – UCF, UNF, FIU, USF*, UWF*

(MCOMM-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	Composition I	3
ENC	1102	Composition II **OR** (an approved Literature Course)	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
HUM	2210	Western Humanities I or (Honors) **OR**	3
HUM	2233	Western Humanities II or (Honors)	(3)
HUM	2270	Humanities (East-West Synthesis) **OR** (an approved Humanities/Fine Arts course)	3
Mathematics		[a] Two college-level courses with an MAC, MAP, MAS, MGF or MTG prefix	6
Natural Sciences		One Biological & One Physical Science Course (One course must include a lab)	6
POS	2041	American National Government (or Honors)	3
Social and Behavioral Sciences Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649)	3

Computer/Information Literacy Competency Requirement

PREREQUISITE COURSES IN THE MAJOR

Recommended that 18 credit hours be taken **outside** the major and beyond the 36 hours of general education requirements.

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight-semester hours credit of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.

* Limited Access Program

a STA 2023 may be substituted for any one course.

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.

SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN ELEMENTARY TEACHER EDUCATION

Elementary Teacher Education – FAMU, FAU, FGCU, FIU, FSU*,UCF, UF*, UNF, USF, UWF, **SPC** (See page 190)

(EDUC-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	[a] Composition I	3
AML	2012	[a] American Literature **OR** ENC 1102 **OR** (another approved Literature Course)	3
SPC	1600	[a] Introduction to Speech Communication **OR** (SPC 1016,1060,1600H)	3
HUM	2210	[a] Western Humanities I or (Honors) **OR**	3
HUM	2233	Western Humanities II or (Honors)	(3)
PHI	1010	[a] Introduction to Philosophy **OR** (an approved Humanities/Fine Arts Course)	(3)
Mathematics		[a, b] Two college-level courses with a MAC, MGF or MTG prefix	6
Natural Sciences		[a] One Biological & One Physical Science (One course must include a lab)	6
POS	2041	[a] American National Government or (Honors)	3
PSY	1012	[a] General Psychology	3
PHI	1600	[a] Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649)	3
EME	2040	[a] Introduction to Educational Technology	3

PREREQUISITE COURSES IN THE MAJOR

The following courses are required for admission to major in addition to those listed under General Education:

AMH	2010	U.S. History I **OR**	3
AMH	2020	U.S. History II	(3)
EDF	1005	Introduction to Education	3
EDG	2701	[y] Teaching Diverse Populations	3
XXX	XXXX***	Courses **BEYOND** General Education Requirements	9

*** Mathematics (3 cr); Natural/Physical Sciences (2-3 cr); and Social Sciences (3 cr)

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester hours credit of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.

* Limited Access Program

a This course is a prerequisite for admission to the major even though listed among the General Education Requirements.

b STA 2023 may be substituted for any one course.

y In addition to EDG 2701, students must complete at least 6 credit hours of course work with an international or diversity focus.

See Diversity Requirement List under General Education Requirements.

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.

A minimum of 9 hours in English, including writing, literature and speech.

A minimum of 9 hours in mathematics, excluding MAT 1033 and including college algebra or higher and geometry.

A minimum of 9 hours in natural and/or physical sciences, including earth science, life science and physical science with a minimum of one associated lab.

A minimum of 6 hours in humanities, including philosophy and fine arts.

A minimum of 12 hours in the social sciences, including general psychology and American History.

Education courses may not be used to meet these requirements.

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SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN ENGLISH TEACHER EDUCATION

English Teacher Education – FAMU, FAU, FGCU, FIU, FSU, UCF, UF, UNF, USF, UWF

(EDUC-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	[a] Composition I	3
AML	2012	[a] American Literature **OR** ENC 1102 **OR** (another approved Literature Course)	3
SPC	1600	[a] Introduction to Speech Communication or (Honors)	3
HUM	2210	[a] Western Humanities I or (Honors) **OR**	3
HUM	2233	Western Humanities II or (Honors)	(3)
PHI	1010	[a] Introduction to Philosophy **OR** (an approved Humanities/Fine Arts Course)	3
Mathematics		[b] Two college-level courses with a MAC, MGF or MTG prefix	6
Natural Sciences		[a] One Biological & One Physical Science Course (One course must include a lab)	6
POS	2041	[a] American National Government or (Honors)	3
PSY	1012	[a] General Psychology	3
PHI	1600	[a] Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649)	3
EME	2040	[a] Introduction to Educational Technology	3

PREREQUISITES COURSES IN THE MAJOR

The following courses are required for admission to major in addition to those listed under General Education:

AMH	2010	U.S. History I **OR**	3
AMH	2020	U.S. History II	(3)
EDF	1005	Introduction to Education	3
EDG	2701	[y] Teaching Diverse Populations	3
XXX	XXXX***	Courses **BEYOND** General Education Requirements	9

*** Mathematics (3 cr); Natural/Physical Sciences (2-3 cr); and Social Sciences (3 cr)

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester hours credit of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.

a This course is a prerequisite for admission to the major even though listed among the General Education.

b STA 2023 may be substituted for any one course.

y **In addition to EDG 2701, students must complete at least 6 credit hours of course work with an international or diversity focus.** See Diversity List under General Education Requirements.

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.

A minimum of 9 hours in English, including writing, literature and speech.

A minimum of 9 hours in mathematics, excluding MAT 1033 and including college algebra or higher and geometry.

A minimum of 9 hours in natural and/or physical sciences, including earth science, life science and physical science with a minimum of one associated lab.

A minimum of 6 hours in humanities, including philosophy and fine arts.

A minimum of 12 hours in the social sciences, including general psychology and American History.

Education courses may not be used to meet these requirements.

SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN BIOLOGY TEACHER EDUCATION

Science Teacher Education

Biology Teacher Education – FAMU,FAU, FIU, FSU, UCF, UNF, UNF, USF

(Tracks under a different CIP number at: FGCU & **SPC** (see page 193))

(UF & UWF students get their bachelor's degrees in the discipline)

(EDUC-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	[a] Composition I	3
AML	2012	[a] American Literature I **OR** ENC 1102 **OR** (another approved Literature course)	3
SPC	1600	[a] Introduction to Speech Communication **OR** (an approved Speech course)	3
HUM	2210	[a] Western Humanities I (or Honors) **OR**	3
HUM	2233	Western Humanities II (or Honors)	(3)
PHI	1010	[a] Introduction to Philosophy **OR** (an approved Humanities/Fine Arts course)	3
Mathematics		[b] Two college-level courses with a MAC, MGF or MTG prefix	6
BSC	2010	[a] Biology I - Cellular Processes	3
BSC	2010L	[a] Biology Lab I - Cellular Processes	1
CHM	1045	[a,c] General Chemistry & Qualitative Analysis I	3
CHM	1045L	[a,c] General Chemistry & Qualitative Analysis Lab I	1
POS	2041	[a] American National Government (or Honors)	3
PSY	1012	[a] General Psychology	3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631 or 2649)	3
EME	2040	[a] Introduction to Educational Technology	3

PREREQUISITE COURSES IN THE MAJOR

The following courses are required for admission to major in addition to those listed under General Education Requirements.

AMH	2010	U. S. History I **OR**	3
AMH	2020	U. S. History II	(3)
EDF	1005	Introduction to Education	3
EDG	2701	[y] Teaching Diverse Populations	3
BSC	2011	Biology II - Organisms & Ecology	3
BSC	2011L	Biology II Lab - Organisms & Ecology	1
CHM	1046	[c,e] General Chemistry & Qualitative Analysis II	3
CHM	1046L	[c,e] General Chemistry & Qualitative Analysis Lab II	1
XXX	XXXX	Science elective(s)	6
XXX	XXXX***	Courses **BEYOND** General Education Requirements	6

*** These courses must include 3 credits mathematics and 3 credits in the social sciences.

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester credits of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.

a This course is a prerequisite for admission to the major even though listed among the General Education Requirements.

b STA 2023 may be substituted for any one course.

c Acceptable substitutes: PHY 1053/1048L AND PHY 1054/1049L OR Physics with Lab (8 credits).

e Not required at SPC if CHM 1025 and CHM 1025L have been successfully completed.

y **In addition to EDG 2701, students must complete at least 6 credit hours of course work with an international or diversity focus.** See Diversity Requirement List under General Education Requirements.

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.

Education courses may not be used to meet these requirements:

A minimum of 9 sh in English, including writing, literature and speech.

A minimum of 9 sh in mathematics, excluding MAT 1033 and including college algebra or higher, and geometry.

A minimum of 9 sh in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab.

A minimum of 6 sh in the humanities, including philosophy and fine arts

A minimum of 12 sh in the social sciences, including general psychology and American history

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SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN SECONDARY MATHEMATICS EDUCATION

Mathematics Teacher Education
Secondary Mathematics Education – FAMU, FAU, FIU, FSU, UCF, UNF, USF
SPC (See page 192)
(Tracks under a different CIP number at: FGCU, UF & UWF students get their bachelor's degrees in discipline.)

(EDUC-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	[a] Composition I	3
AML	2012	[a] American Literature I **OR** ENC 1102 **OR** (another approved Literature course)	3
SPC	1600	[a] Introduction to Speech Communication **OR** (an approved Speech course)	3
HUM	2210	[a] Western Humanities I (or Honors) **OR**	3
HUM	2233	Western Humanities II (or Honors)	(3)
PHI	1010	[a] Introduction to Philosophy **OR** (an approved Humanities/Fine Arts course)	3
MAC	2311	[a] Calculus with Analytic Geometry I	5
MAC	2312	[a] Calculus with Analytic Geometry II	5
Biological Sciences		[a] One Biological Science course including a lab, if lab not already taken	3-4
ISC	1141	[a] Earth Science	3
ISC	1141L	[a] Earth Science Lab – if needed	1
POS	2041	[a] American National Government (or Honors)	3
PSY	1012	[a] General Psychology	3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631 or 2649)	3
EME	2040	[a] Introduction to Educational Technology	3

PREREQUISITE COURSES IN MAJOR

The following courses are required for admission to major in addition to those listed under General Education Requirements.

AMH	2010	U. S. History I **OR**	3
AMH	2020	U. S. History II	(3)
EDF	1005	Introduction to Education	3
EDG	2701	[y] Teaching Diverse Populations	3
XXX	XXXX	[s] Computer Programming Language (applicable to microcomputer)	3
XXX	XXXX	Mathematics elective	4
XXX	XXXX	*** Courses **BEYOND** General Education Requirements	6

*** These courses must include 3 credits in the natural and/or physical sciences and 3 credits in the social sciences.

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester credits of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.
a This course is a prerequisite for admission to the major even though listed among the General Education Requirements.
s Not required at SPC.
y **In addition to EDG 2701, students must complete at least 6 credit hours of course work with an international or diversity focus.** See Diversity Requirement List under General Education Requirements.

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.
Education courses may not be used to meet these requirements:
A minimum of 9 sh in English, including writing, literature and speech.
A minimum of 9 sh in mathematics, excluding MAT 1033 and including college algebra or higher, and geometry.
A minimum of 9 sh in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab.
A minimum of 6 sh in the humanities, including philosophy and fine arts.
A minimum of 12 sh in the social sciences, including general psychology and American History.

SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN SPECIAL EDUCATION

Special Education, General – FAU, FGCU, UCF, UF*, UNF, USF, UWF
Exceptional Student Education – **SPC** (see page 191) - (124 credits)

(EDUC-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	[a] Composition I	3
AML	2012	[a] American Literature I **OR** ENC 1102 **OR** (another approved Literature course)	3
SPC	1600	[a] Introduction to Speech Communication **OR** (an approved Speech course)	3
HUM	2210	[a] Western Humanities I (or Honors) **OR**	3
HUM	2233	Western Humanities II (or Honors)	(3)
PHI	1010	[a] Introduction to Philosophy **OR** (an approved Humanities/Fine Arts course)	3
Mathematics		[a,b] Two college-level courses with a MAC, MAP, MAS or MGF prefix	6
Natural Sciences		[a] One Biological and One Physical Science course (One course must include a lab)	6-7
POS	2041	[a] American National Government (or Honors)	3
PSY	1012	[a] General Psychology	3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631 or 2649)	3
EME	2040	[a] Introduction to Educational Technology	3

PREREQUISITE COURSES IN THE MAJOR

The following courses are required for admission to major in addition to those listed under General Education Courses.

AMH	2010	U. S. History I **OR**	3
AMH	2020	U. S. History II	(3)
EDF	1005	Introduction to Education	3
EDG	2701	[y] Teaching Diverse Populations	3
XXX	XXXX	*** Courses **BEYOND** General Education Requirements	9

*** These courses must include 3 credits mathematics, 3 credits in the natural and/or physical sciences; 3 credits in the social sciences.

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester credits of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.
* Limited Access Program
a This course is a prerequisite for admission to the major even though listed among the General Education Requirements.
b STA 2023 may be substituted for any one course.
y **In addition to EDG 2701, students must complete at least 6 credit hours of course work with an international or diversity focus.** See diversity list under General Education Requirements.

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.
Education courses may not be used to meet these requirements:
A minimum of 9 hours in English, including writing and literature.
A minimum of 9 hours in mathematics, excluding MAT 1033 and including college algebra or higher and geometry.
A minimum of 9 hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab.
A minimum of 6 hours in the humanities, including philosophy and fine arts.
A minimum of 12 hours in the social sciences, including general psychology and American History.

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SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN ENGINEERING

Engineering, General – UF*, USF*
Aerospace Engineering – UCF, UF
Agricultural Engineering – UF
Chemical Engineering – FAMU, FIU, FSU, USF, UF
Civil Engineering – FAMU,FAU, FIU, FSU, UCF, UF, UNF, USF
Computer Engineering – FAMU, FAU, FIU, FSU, UCF, UF, USF
Electrical, Electronics Engineering – FAMU, FAU, FIU, FSU, UCF, UF, UNF, USF, UWF
Engineering Science – UF
Environmental Health Engineering – UCF, UF
Industrial/Manufacturing Engineering – FAMU, FSU, UCF, USF
Materials Engineering – UF
Mechanical Engineering – FAMU, FAU, FIU, FSU, UCF, UF, UNF, USF
Nuclear Engineering – UF
Coastal & Ocean Engineering – FAU
Industrial & Systems Engineering – FIU, UF

(ENGNR-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	[a] Composition I	3
ENC	1102	[a] Composition **OR** (an approved Literature course)	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
HUM	2210	[a] Western Humanities I or (Honors) **OR**	3
HUM	2233	Western Humanities II or (Honors)	(3)
HUM	2270	[a] Humanities (East-West Synthesis) **OR** (approved Humanities/Fine Arts Course)	3
MAC	2311	[a,c] Calculus with Analytic Geometry I	5
MAC	2312	[a,c] Calculus with Analytic Geometry II	5
CHM	1045	[a,b] General Chemistry & Qualitative Analysis I	3
CHM	1045L	[a,b] General Chemistry & Qualitative Analysis Lab I	1
Biological Sciences Approved Course			3
POS	2041	[a] American National Government or (Honors)	3
		[a] Social and Behavioral Sciences Approved Course	3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631 or 2649)	3

Computer/Information Literacy Competency Requirement

PREREQUISITES COURSES IN THE MAJOR

The following courses are required for admission to major in addition to those listed under General Education:

MAC	2313	[c] Calculus with Analytic Geometry III	4
MAP	2302	[c] Differential Equations	3
PHY	2048	Physics I	3
PHY	1048L	Physics Lab I	1
PHY	2049	Physics II	3
PHY	1049L	Physics Lab II	1
XXX	XXXX	Humanities or Social Sciences	3

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester hours credit of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.
* Limited Access Program
a This course is a prerequisite for admission to the major even though listed among the General Education.
b Acceptable substitute: CHS x440
c Acceptable substitutes: MAC x281, MAC x282, MAC x283.

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.

General Education requirements normally total 36 credit hours. This total is higher because some of the Common Prerequisite requirements are shown in the General Education listing.

SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN HUMANITIES

Humanities – FIU, FSU, UCF, USF, UWF

(ENGHM-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	Composition I	3
ENC	1102	Composition II **OR** (an approved Literature course)	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
HUM	2210	Western Humanities I or (Honors) **OR**	3
HUM	2233	Western Humanities II or (Honors)	(3)
HUM	2270	Humanities (East-West Synthesis) **OR** (an approved Humanities/Fine Arts Course)	3
Mathematics		[a] Two college-level courses with an MAC, MAP, MAS, MGF or MTG prefix	6
Natural Sciences		One Biological & One Physical Science Course (One course must include a lab)	6
POS	2041	American National Government or (Honors)	3
Social and Behavioral Sciences Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649)	3

Computer/Information Literacy Competency Requirement

NO PREREQUISITE COURSES IN THE MAJOR

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester hours credit of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.
a STA 2023 may be substituted for any one course.

NOTES:

All Community College students are encouraged to complete the Associate in Arts degree.

Additional courses may be required as prerequisites depending on the student's preparation.

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SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN LIFE SCIENCES

Biology, General – FAMU, FAU, FIU, FSU, UCF, UNF, USF, UWF
Plant Pathology – UF
Ecology (Limnology) – UCF
Marine/Aquatic Biology – UWF

(NATSC-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	Composition I	3
ENC	1102	Composition II **OR** (an approved Literature course)	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
HUM	2210	Western Humanities I or (Honors) **OR**	3
HUM	2233	Western Humanities II or (Honors)	(3)
HUM	2270	Humanities (East-West Synthesis) **OR** (an approved Humanities/Fine Arts Course)	3
MAC	2311	[a,b] Calculus with Analytic Geometry I	5
MAC	2312	[a,c] Calculus with Analytic Geometry II	5
BSC	2010	[a,d] Biology I - Cellular Processes	3
BSC	2010L	[a,d] Biology Lab I - Cellular Processes	1
CHM	1045	[a] General Chemistry & Qualitative Analysis I	3
CHM	1045L	[a] General Chemistry & Qualitative Analysis I Lab	1
POS	2041	American National Government or (Honors)	3
Social and Behavioral Sciences Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631 or 2649)	3
Computer/Information Literacy Competency Requirement			

PREREQUISITE COURSES IN THE MAJOR

The following courses are required for admission to major in addition to those listed under General Education:

BSC	2011	[e] Biology II -Organisms & Ecology	3
BSC	2011L	[e] Biology Lab II - Organisms & Ecology	1
CHM	1046	General Chemistry & Qualitative Analysis II	3
CHM	1046L	General Chemistry & Qualitative Analysis Lab II	1
CHM	2210	[f] Organic Chemistry I	3
CHM	2210L	[f] Organic Chemistry Lab I	1
CHM	2211	[g] Organic Chemistry II	3
CHM	2211L	[g] Organic Chemistry Lab II	1

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester hours credit of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.

a This course is a prerequisite for admission to the major even though listed among the General Education.
b Acceptable substitute: MAC X233, X253 or X281.
c Acceptable substitute: STA X023, X122, X014, X024, X321 or equivalent, MAC X234, X254, X282.
d Acceptable substitutes: PCB X010, X011, X021, X131, BSC X040, 2012.
e Acceptable substitutes: ZOO X010, BOT X010, BSC X041, BOT X013.
f Acceptable substitutes: PHY 3043/3043L, 3048/3048L, 3049/3049L or equivalent.
g Acceptable substitutes: PHY 3053/3053L, 3048/3048L, 3049/3049L or equivalent.

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.

General Education Requirements normally total 36 credit hours. This total is higher because some of the Common Prerequisite requirements are shown in the General Education Requirements listing.

SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN MATHEMATICS

Mathematics, General – FAMU, FAU, FIU, FSU, UCF, UF, UNF, USF*, UWF

(MATH-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	Composition I	3
ENC	1102	Composition II **OR** (an approved Literature course)	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
HUM	2210	Western Humanities I or (Honors) **OR**	3
HUM	2233	Western Humanities II or (Honors)	(3)
HUM	2270	Humanities (East-West Synthesis) **OR** (an approved Humanities/Fine Arts Course)	3
MAC	2311	[a] Calculus with Analytic Geometry I	5
MAC	2312	[a] Calculus with Analytic Geometry II	5
Natural Sciences		*One Biological & One Physical Science Course (One course must include a lab)	6
POS	2041	American National Government or (Honors)	3
Social and Behavioral Sciences Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631 or 2649)	3
COP	XXXX	[a] Computer Language – (Pascal, FORTRAN, C, C+ or C++)	3
Computer/Information Literacy Competency Requirement			

PREREQUISITE COURSES IN THE MAJOR

The following courses are required for admission to major in addition to those listed under General Education:

MAC	2313	Calculus with Analytic Geometry III	4

* Plus successful completion of two laboratory-based science courses for respective science majors. These courses may be used to meet General Education Requirements:

BSC 2010/2010L & BSC 2011/2011L (one or both) **OR**	4 – 8
CHM 1045/1045L & CHM 1046/1046L (one or both) **OR**	4 – 8
PHY 1053/1048L & PHY 1054/1049L (one or both)	4 – 8

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester hours credit of foreign language for university admission

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.

* Limited Access Program
a This course is a prerequisite for admission to the major even though listed among the General Education.

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.

General Education Requirements normally total 36 credit hours. This total is higher because some of the Common Prerequisite requirements are shown in the General Education Requirements listing.

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SAMPLE A.A. DEGREE PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN SOCIAL WORK

Social Work, General – FAMU, FAU, FIU, FSU, UCF*, USF*, UWF

(HUSEV-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	Composition I	3
ENC	1102	Composition **OR** (approved Literature course)	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
HUM	2210	Western Humanities I or (Honors) **OR**	3
HUM	2233	Western Humanities II or (Honors)	(3)
HUM	2270	Humanities (East-West Synthesis **OR** (an approved Humanities/Fine Arts Course)	3
Mathematics		[b] Two college-level courses with an MAC, MAP, MAS, MGF or MTG prefix	6
BSC	1005	[a,c] Biological Science	3
BSC	1005L	[a,c] Biological Science Lab	1
Physical Sciences Approved Course			3
POS	2041	[a] American National Government or (Honors)	3
ECO	2013	[a] Principles of Macroeconomics or (Honors)	3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649)	3

Computer/Information Literacy Competency Requirement

PREREQUISITE COURSES IN THE MAJOR

The following courses are required for admission to major in addition to those listed under General Education:

PSY	1012	General Psychology	3
SYG	2000	Introduction to Sociology **OR**	3
SYG	2010	Social Problems	(3)

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester hours credit of foreign language for university admission.

TOTAL PROGRAM HOURS **60**

See current SPC catalog for list of approved optional courses for each academic area.

* Limited Access Program

a This course is a prerequisite for admission to the major even though listed among the General Education.

b STA 2023 may be substituted for any one course.

c Acceptable substitute: Biology (Human Biology or Anatomy & Physiology).

NOTES:

Additional courses may be required as prerequisites depending on the student's preparation.

General Education Requirements normally total 36 credit hours. This total is higher because some of the Common Prerequisite requirements are shown in the General Education Requirements listing.

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SAMPLE A.A. PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN MUSIC

Music, General – FAU, FIU, FSU*, UF*, UNF*
Music Studies – USF
Jazz Studies – FAMU, UNF*
Music Performance – FAMU, FSU*, UCF, UNF*, USF UWF

(MUSIC-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	Composition I	3
ENC	1102	Composition II **OR** (an approved Literature course)	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
HUM	2210	Western Humanities I or (Honors) **OR**	3
HUM	2233	Western Humanities II or (Honors)	(3)
HUM	2270	Humanities (East-West Synthesis) **OR** (an approved Humanities/Fine Arts Course)	3
Mathematics		[a] Two college-level courses with an MAC, MAP, MAS or MGF prefix	6
Natural Sciences		One Biological & One Physical Science course (One course must include a lab)	6
POS	2041	American National Government or (Honors)	3
Social and Behavioral Sciences Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649)	2
Computer/Information Literacy Competency Requirement			

PREREQUISITE COURSES IN THE MAJOR

LISTED COURSES			ACCEPTABLE SUBSTITUTES
MUT	X111	[x] 3	MUT 1121 4
MUT	X112	[x] 3	MUT 1122 4
MUT	X116	[x] 3	MUT 2126 4
MUT	X117	[x] 3	MUT 2127 4 can substitute for the series in the left column (4 credits each)
MUT	X241	[x] 1	MUT 1221, 1222, 226 & 227 **OR**
MUT	X242	[x] 1	MUT 1261, 1262, 2266 & 2267 **OR**
MUT	X246	[x] 1	MUT 1271, 1272, 2276,& 2277
MUT	x247	[x] 1	(any one of the series of courses in this right column can substitute for any one course in the left column)

The above acceptable substitute 4 credit courses are integrated courses, including both written music theory (part-writing) and the aural/visual (sight-singing and dictation). The courses at FSU, UF, FIU, & FAU are split into 3 credit written music theory (part-writing) and 1 credit aural/visual (sight-singing and dictation). Our 4 credit courses should be equal to the combined 3 plus 1 credit courses.

MUN	XXXX	4
MVx	XX1X	2 – 4
MVx	XX2X	2 – 4

Secondary Piano Proficiency
by Examination [y] 0(Credits)

ELECTIVES

XXX XXXX [z]

If you have not completed two years of the same foreign language in high school, you may need eight semester hours credit of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.

* Limited Access Program
a STA 2023 may be substituted for any one course.
x Courses unavailable.
y Acceptable substitutes: MVK X111, X112, X121 & X122, OR X111r, X111r, X121r, X121r, X211, &X2221.
z Additional Courses Recommended: **VARIES FROM TRACK TO TRACK AND INSTITUTION TO INSTITUTION.**

NOTES:

DUPLICATE COURSES SUCH AS MVK X111r MAY BE REPEATED UP TO 4 TIMES.

Additional Requirements for Degree required and **VARY FROM TRACK TO TRACK AND INSTITUTION TO INSTITUTION.**

Additional courses may be required as prerequisites depending on the student's preparation.

SAMPLE A.A. PROGRAM PREPARING FOR A BACHELOR'S DEGREE IN ART

Art, General – FAU, UCF, UNF, USF, UWF
Studio/Fine Art – FAMU, FIU, FSU*, UCF, UF*, UNF, UWF

(ART-AA)

GENERAL EDUCATION REQUIREMENTS

ENC	1101	Composition I	3
ENC	1102	Composition II **OR** (an approved Literature course)	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
HUM	2210	Western Humanities I or (Honors) **OR**	3
HUM	2233	Western Humanities II or (Honors)	(3)
ARH	2050	[a] Art History I	3
Mathematics		[b] Two college-level courses with an MAC, MAP, MAS or MGF prefix	6
Natural Sciences		One Biological & One Physical Science course (One course must include a lab)	6
POS	2041	American National Government or (Honors)	3
Social and Behavioral Sciences Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649)	3
Computer/Information Literacy Competency Requirement			

PREREQUISITE COURSES IN THE MAJOR

ARH	2051	Art History II	3
ART	1201C	[c] Design I **AND**	3
ART	1202	[c,x]	3
ART	1300C	[d] Drawing I **AND**	3
ART	1301C	[d] Drawing II	3
ART	XXXX	[e] Select any 2-3 Introductory Media Courses	6-9

ELECTIVES

If you have not completed two years of the same foreign language in high school, you may need eight semester hours credit of foreign language for university admission.

TOTAL PROGRAM HOURS 60

See current SPC catalog for list of approved optional courses for each academic area.

a This course is a prerequisite for admission to the major even though listed among the General Education Requirements.
b STA 2023 may be substituted for any one MAC, MAP, MAS or MGF prefix course.
c Acceptable substitute: ART X201 (4 credits).
d Acceptable substitute: ART 3001 (4 credits).
e For Art General Major : Acceptable substitute: ART XXXX (12 credits).
x Courses unavailable.

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MAJORS OFFERED AT 4-YEAR COLLEGES & UNIVERSITIES

- Agribusiness and Agriculture
  - Agriculture (Food and Resource) Economics
  - Agricultural Business/Operations
  - Agriculture Science
  - Agronomy & Crop Science
  - Animal, Dairy & Poultry Science
  - Food Science & Technology – Food Science
  - Food Science & Technology – Food Science &Human Nutrition – Dietetics
  - Food Science & Technology – Nutritional Science
  - Horticulture Science
  - International Agriculture and Business
  - Landscape Operations & Management
  - Packaging Science
  - Plant Sciences
  - Soils Science
- Architecture & Construction
  - Architecture
  - Construction/Building Technology
  - Design in Architecture Studies
  - Landscape Architecture
  - Urban & Regional Planning
- Area & Ethnic Studies
  - African-American (Black) Studies
  - American Studies (USA)
  - Asian Studies
  - Latin American Studies
  - Russian & East European Studies
  - Women's Studies
- Mass Communication & Rhetoric
  - Advertising
  - Communication (Mass)
  - Communications and Media Studies
  - Journalism
  - Journalism – Magazine Production
  - Multimedia Studies – Journalism
  - Multimedia Studies – Film & Video Studies
  - Public Relations & Organizational Communication
  - Radio & TV Broadcasting
  - Rhetorical Speech & Communication
- Computer & Info Science & Computer Engineering
  - Computer & Information Sciences – Computer Sciences
  - Computer & Information Sciences
  - Computer & Information Science – Computer Information Systems
  - Computer & Information Science – Information Sciences
  - Computer Engineering
  - Computer Engineering – Computer & Information Engineering
  - Information Sciences & Studies – Computer Information Systems
  - Information Sciences & Studies – Information Studies
  - Information Technology
  - Information Technology – Bioinformation Track
  - Information Technology – Digital Media Track
- Education
  - Agricultural Teacher Education (Vocational)
  - Art Teacher Education
  - Business Teacher Education (Vocational)
  - Dance Education
  - Education of Blind & Visually Handicapped
  - Education of Specific Learning Disabled
  - Education of the Emotionally Handicapped
  - Education of the Mentally Handicapped
  - Elementary Teacher Education
  - English Teacher Education
  - Foreign Languages Teacher Education
  - Health Teacher Education
  - Home Economics Teacher Education (Vocational)
  - Jr. High/Middle School Teacher Ed – Middle Grade Math/ Middle Grade Science Ed
  - Jr. High/Middle School Teacher Ed – Middle Grade English/ Middle Grade Social Science Ed
  - Jr. High/Middle School Teacher Ed – Middle Grade Math/ Middle Grade English Ed
  - Jr. High/Middle School Teacher Ed – Middle Grade Math/ Middle Grade Social Science Ed
  - Jr. High/Middle School Teacher Ed – Middle Grade Science/ Middle Grade English Ed
  - Jr. High/Middle School Teacher Ed – Middle Grade Science/ Middle Grade Social Science Ed
  - Jr. High/Middle School Teacher Ed – English/Special Education
  - Jr. High/Middle School Teacher Ed – Math/Special Education
  - Jr. High/Middle School Teacher Ed – Science/Special Education
  - Jr. High/Middle School Teacher Ed – Social Science/ Special Education
  - Mathematics Teacher Education – Secondary Mathematics Education
  - Mathematics Teacher Education – Jr. High/Middle School Mathematics Education
  - Music Teacher Education
  - Physical Education – Teaching and Coaching
  - Physical Education – Sports Management
  - Pre-Elementary/Early Childhood Teacher Ed
  - Science Teacher Education – Biology Teacher Education
  - Science Teacher Education – Chemistry Teacher Education
  - Science Teacher Education – Earth/Space Teacher Education
  - Science Teacher Education – Physics Teacher Education
  - Science Teacher Education – Middle Grades Science Teacher Education
  - Secondary Science/Math Teacher Education
  - Social Sciences Teacher Ed (History, Social Science, Economics & Political Science)
  - Special Education, General
  - Trade & Industrial Teacher (Vocational)
- Engineering and Engineering Technology
  - Aerospace Engineering
  - Agricultural Engineering – Biological Systems Mgmt. & Environmental Sys. Mgmt.
  - Agricultural Engineering – Production Management, Manufacturing & Process
  - Agricultural Engineering
  - Biomedical Engineering
  - Chemical Engineering
  - Civil Engineering
  - Civil Technology
  - Coastal & Ocean Engineering
  - Electrical, Electronics Engineering
  - Electronic Engineering Technology
  - Engineering Science
  - Engineering Technology, General – Electrical Track
  - Engineering Technology, General – Construction Track
  - Engineering Technology, General – Manufacturing Track
  - Engineering Technology, General – Instructional Technology
  - Engineering, General
  - Environmental Health Engineering
  - Industrial & Systems Engineering
  - Industrial/Manufacturing Engineering
  - Manufacturing/Industrial Engineering Technology
  - Materials Engineering
  - Mechanical Engineering
  - Mechanical Engineering – Related Technology
  - Nuclear Engineering
  - Surveying
- Foreign Languages
  - Classics & Classical Language
  - East Asian Language/Literature
  - Foreign Language, Multiple
  - French
  - German
  - Greek, Classical
  - Italian
  - Latin

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- Linguistics
- Portuguese
- Russian
- Spanish

Legal Assisting
- Legal Assisting

Letters
- English, General

Liberal /General Studies
- Honors College
- Humanities
- Independent Studies
- Liberal Arts & Sciences
- Liberal Arts & Sciences – Honors College Research Track
- Liberal Studies – Environmental Studies Construction
- Liberal Studies – Marine Science Concentration

Life Sciences & Environmental Studies
- Biochemistry
- Biology, General
- Biomedical Sciences
- Biotechnology
- Botany, General
- Ecology (Limnology)
- Entomology
- Environmental Science
- Environmental Science – Environmental Studies/Nat. Science Option
- Environmental Science – Environmental Studies/Policy Option
- Environmental Science – Environmental Science & Policy
- Environmental Studies – Geography Option
- Forest Resources & Conservation
- Forest Resources & Conservation – Natural Resource Conservation
- Forest Resources & Conservation – Wildlife Ecology & Conservation
- Marine/Aquatic Biology
- Microbiology/Bacteriology
- Plant Pathology
- Zoology

Mathematics & Statistics
- Applied Math/Math Sciences
- Mathematics, General
- Mathematics, General – Teacher Certification
- Statistics

Parks & Recreation
- Exercise Science – Exercise Physiology Track
- Exercise Science – Wellness Education
- Parks & Recreation Mgmt – Therapeutic Recreation
- Parks & Recreation Mgmt – Leisure Services – Professional
- Parks & Recreation Mgmt – Leisure Services Management
- Parks & Recreation Mgmt – Recreation Program Delivery
- Parks & Recreation Mgmt – Natural Resources

Philosophy & Religion
- Jewish Studies
- Philosophy
- Philosophy & Religion
- Religious Studies

Physical Sciences
- Astronomy
- Atmospheric Science & Meteorology
- Chemical Sciences
- Chemistry
- Fire and Emergency Services
- Forensic Science
- Geology
- Physics
- Radiation Physics

Psychology
- Psychology, General
- Social Psychology

Criminal Justice
- Criminal Justice Studies

Public Administration & Social Work
- Human Services, B.S.
- Public Administration
- Social Work, General

Social Sciences
- Anthropology
- Criminology
- Economics – Social Sciences
- Economics – Business
- Geography
- History
- International Relations
- Maritime Studies
- Political Science & Government
- Social Sciences, General
- Sociology – Anthropology
- Sociology

Visual & Performing Arts
- Art History & Appreciation
- Art, General
- Dance – B.A.
- Dance – B. F. A.
- Digital Arts/Digital Media – Computer Animation
- Digital Arts/Digital Media – Internet and Interactive Systems
- Digital Arts/Digital Media – Digital Music
- Digital Arts/Digital Media – Writing Media
- Digital Arts/Digital Media – Computing for Media
- Drama Education
- Dramatic Arts
- Graphic Design
- Graphic Arts Technology – Photography
- Graphic Arts Technology – Printing Production
- Interior Design
- Jazz Studies
- Motion Picture & TV Technology
- Music Composition
- Music History & Appreciation
- Music Performance
- Music Studies
- Music, General
- Music/Music Theory
- Studio/Fine Art

Health Professions & Related Science
- Athletic Training
- Cardiopulmonary Sciences
- Community Health Liaison
- Dietetics/Nutritional Services
- Health Information Management
- Health Science – Community Health
- Health Science – Health Administration
- Health Science – Nutrition and Dietetics
- Health Science – Addictions Studies
- Health Science – B.S. in Health Sciences
- Health Science – Rehabilitative Services
- Health Services Administration
- Medical Technology
- Music Therapy
- Nursing
- Occupational Therapy
- Pharmacy (Pharm D)
- Radiologic (Med) Technology
- Speech Pathology & Audiology
- Vocational Rehab Counseling

Business & Management
- Accounting
- Actuarial Sciences
- Business Administration & Management
- Business Managerial Economics
- Business Marketing Management
- Business, General
- Finance, General
- Financial Services
- Hospitality Administration/Management
- Human Resources Management
- Insurance & Risk Management
- International Business Management
- Logistics and Materials Management
- Management Info Systems – Business/Data Processing
- Management Info Systems – Information Sciences Systems

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- Management Science
- Real Estate
- Resort & Hospitality Management
- Restaurant and Food Service Management
- Transportation Management
- Travel & Tourism Management

Other Programs
- Biology and Physical Sciences
- Biology and Chemistry
- Biology and Computer Science

Biology and Earth Science
Biology and Mathematics
Biology and Physics
Chemistry and Computer Science
Chemistry and Earth Science
Chemistry and Mathematics
Chemistry and Physics
Computer Science and Earth Science
Computer Science and Mathematics
Computer Science and Physics
Earth Science and Mathematics
Earth Science and Physics
Mathematics and Physics
- Interdisciplinary Natural Sciences
- Gerontology

Home & Family Life – Family and Child Science
Home & Family Life – Housing
Home Economics, General
Human Resource Development
Independent/Interdisciplinary Studies – Environmental Management
Independent/Interdisciplinary Studies – Waste Mgmt & Utilization & Land Water Mgmt
Independent/Interdisciplinary Studies – Economics and Policy Specialization
Textiles & Clothing – Apparel Design Technology
Textiles & Clothing – Merchandising
Textiles & Clothing – Textiles

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GENERAL EDUCATION REQUIREMENTS FOR THE ASSOCIATE IN SCIENCE DEGREE

(College Policy 6Hx23-4.32)

The general education requirements for the Associate in Science degree consist of a minimum of 18 transferable semester hours of credit. The minimum area requirements for the 18 transferable semester hours are as follows:

A. **COMMUNICATIONS – Grade of "C" or better ..... 6 – 9 credits**
Complete either 1, 2 and 3 **OR** 1 and 3 below:

1. Choose one: ..... 3 credits
   - ENC 1101 Composition I **OR**
   - ENC 1121H Honors Composition I

And, if required by program

2. Choose one: ..... 3 credits
   - ENC 1102 Composition II **OR**
   - ENC 1122H Honors Composition II
   - AML 2012 American Literature I
   - AML 2022 American Literature II
   - ENL 2012 British Literature I
   - ENL 2022 British Literature II
   - LIT 2110 World Literature I
   - LIT 2120 World Literature II

NOTE: ENC 1101 or ENC 1121H must be completed within the first 24 semester hours of course work and ENC 1102 or ENC 1122H must be completed within the first 36 semester hours of course work.

3. Choose one: ..... 3 credits
   - SPC 1600 Introduction to Speech Communication
   - SPC 1600H Honors Introduction to Speech Communication
   - SPC 1016 Business and Professional Speaking
   - SPC 1060 Public Speaking

B. **HUMANITIES/FINE ARTS – Grade of "C" or better ..... 3 credits**
Choose one:
   - ARH 1000 Understanding Art
   - ARH 2050 Art History I
   - ARH 2051 Art History II
   - * HUM 2210 Western Humanities I (Ancient through Renaissance)
   - * HUM 2210H Honors Western Humanities I (Ancient through Renaissance)
   - * HUM 2233 Western Humanities II (Baroque to the Present)
   - * HUM 2233H Honors Western Humanities II (Baroque to the Present)
   - HUM 2270 Humanities (East-West Synthesis)
   - HUM 2270H Honors Humanities (East-West Synthesis)
   - MUH 1110 Introduction to Music
   - MUL 1010 Introduction to Music History
   - PHI 1010 Introduction to Philosophy
   - REL 2300 World Religions
   - **HUM 2250 Humanities (Western Man)
   - **HUM 2250H Honors Humanities (Western Man)

*Students who received credit for HUM 2250 cannot also receive credit for HUM 2210 or HUM 2233.
**For students who completed HUM 2250 prior to Session I, 1996-97

C. **MATHEMATICS – Grade of "C" or better ..... 3 credits**
Any course with an MAC, MAP, MAS, MGF, MTG or STA prefix

D. **NATURAL SCIENCES** (no minimum credit hours required for general education for the A.S. degree, except by the specific A.S. articulated programs).

E. **SOCIAL AND BEHAVIORAL SCIENCES – Grade of "C" or better ..... 3 credits**
Choose one:
   - AMH 1091 African-American History
   - AMH 2010 History of the United States I
   - AMH 2020 History of the United States II
   - AMH 2059 The United States in Vietnam
   - ANT 2000 Introduction to Anthropology
   - ANT 2003 Survey Anthropology
   - ANT 2410 Cultural Anthropology
   - ECO 2013 Principles of Macroeconomics
   - ECO 2013H Honors Principles of Macroeconomics
   - ECO 2023 Principles of Microeconomics
   - ECO 2023H Honors Principles of Microeconomics
   - EUH 1000 Development of Western Civilization I

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EUH 1001 Development of Western Civilization II
GEA 2172 Geography of the Developing World
GEA 2174 Geography of Developed World
INR 2002 International Relations
INR 2002H Honors International Relations
POS 2041 American National Government
POS 2050H Honors American National Government
POS 2112 State and Local Government
PSY 1012 General Psychology
SYG 2000 Introductory Sociology
SYG 2010 Social Problems
SYG 2221 Woman and Society
SYG 2430 Marriage and Family
WOH 2040 The Twentieth Century

F. **ETHICS – Grade of "C" or better ..... 2-3 credits**

Choose one:

PHI 1603 Applied Ethics ..... 2 credits
PHI 1600 Studies in Applied Ethics ..... 3 credits
PHI 1602H Honors Studies in Applied Ethics ..... 3 credits
PHI 1631 Studies in Professional Ethics ..... 3 credits
PHI 2649 Applied Ethics in Public Safety Professions ..... 3 credits

G. **COMPUTER/INFORMATION LITERACY COMPETENCY** (no minimum credit hours required).

Computer/information literacy competency may be demonstrated by completing one of the following:

1. Passing a College approved Basic Computer/Information Skills Competency Test; **or**
2. Successful completion of at least one of the following:
   a. CTS 1101 Basic Computer and Information Literacy.
   b. CGS 1100 Microcomputer Applications (as revised in 2002) **or** LIS 1002, CGS 1510 **and** OST 1741.
   c. EME 2040 Introduction to Educational Technology, (as revised in 2002), preferred for Education majors.

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ASSOCIATE IN SCIENCE DEGREE
ASSOCIATE IN APPLIED SCIENCE DEGREE
COLLEGE CREDIT CERTIFICATE AND
APPLIED TECHNOLOGY DIPLOMA PROGRAMS

GENERAL INFORMATION

The following community occupational programs have been especially designed to assist students who desire the advantages of a college education and at the same time wish to prepare themselves for immediate employment.

Some of the Associate in Science degree programs have limited space and therefore have selective admissions. These programs are subject to the Equal Access/Equal Opportunity requirements of both the College and the State of Florida. As a result, the minimum qualification requirements may be waived.

Insurance or proof of coverage is required for students in all programs where there is a possibility of liability involved. Students should check individual programs for this requirement. Health program students are required to obtain liability and clinical accidental insurance through the College for which a special fee is charged.

LINKAGE PROGRAMS

The Linkage System is a cooperative agreement among four community colleges and one college in the Tampa Bay Area—Hillsborough Community College, Manatee Community College, Pasco-Hernando Community College, Polk Community College and St. Petersburg College.

The system offers students the opportunity to enter identified programs on a quota-based system.

Students must be enrolled at their local college while completing the general education requirements for a specific linkage program. Application must be made both to the college offering the linkage program and the program, if a selective admission is a requirement. Students must conform to program policies and procedures, including deadline dates, as stated in the Linkage College Catalog. Applicant must have the local College Occupational Dean/Director attest to eligibility on a transmittal form to the Occupational Dean/Director of the Linkage College.

Additional information on Linkage programs may be obtained by contacting a St. Petersburg College counselor.

The following Linkage Programs will be offered by the indicated institutions:

Dental Hygiene
–St. Petersburg College, Hillsborough Community College and Pasco-Hernando Community College

Diagnostic Medical Sonography Technology
–Hillsborough Community College

Funeral Services
–St. Petersburg College

Health Information Management
–St. Petersburg College

Medical Laboratory Technology
–St. Petersburg College

Nuclear Medicine Technology
–Hillsborough Community College

Occupational Therapy Assistant
–Polk Community College and Manatee Community College

Physical Therapist Assistant
–St. Petersburg College, Manatee Community College and Polk Community College

Radiation Therapy Technology
–Hillsborough Community College

Respiratory Care
–St. Petersburg College and Hillsborough Community College

Veterinary Technology
–St. Petersburg College

GRADUATION INFORMATION

All occupational degrees earned at St. Petersburg College are based upon the successful completion of each prescribed program as indicated. Effective August 2000, all graduates of an associate in science degree in Business Administration, Electronics Engineering Technology, Hospitality & Tourism Management, Nursing and Radiography, (programs that are listed in the Statewide Articulation Manual) may articulate courses from these programs into a corresponding baccalaureate program at the state universities. The College does not assume any responsibility for the transfer of credits to a senior college or university for any associate in science degree program not listed in the Statewide Articulation Manual.

GRADUATION REQUIREMENTS

Candidates for graduation with an Associate in Science degree and Associate in Applied Science degree in vocational programs must:

1. Satisfactorily complete the prescribed course of study listed under the program, including special graduation requirements.
2. Satisfactorily complete Item II. (A-C) under the section Graduation Requirements for All Degrees, Certificates and Diplomas (Exceptions will be noted under specific programs.)
3. For the Associate in Science program at St. Petersburg College satisfactorily complete the general education core requirements that is acceptable to the State University System.

ADVISEMENT REQUIREMENTS

1. For students in the Associate in Science and Associate in Applied Science degree programs the College will provide an automated program evaluation report each session in which they are enrolled at the College.
2. Each Associate in Science and Associate in Applied Science degree candidate must have a graduation advisement session with their program advisor prior to completing 42 credit hours in the degree program.

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COLLEGE CREDIT CERTIFICATE PROGRAMS AND APPLIED TECHNOLOGY DIPLOMAS

Students interested in SPC College Credit Certificate Programs and Applied Technology Diplomas should contact the Program Director at the noted phone number, for specific entrance requirements, skills and experience needed before enrolling in certain programs and class schedule options.

Upon completion of a required program, the student may be awarded the appropriate certificate or diploma. A notation of the award will be made on the student's permanent record and transcript. This will be done even if the student continues beyond the diploma or certificate program towards an associate degree.

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ASSOCIATE IN SCIENCE DEGREES

- Architectural Design and Construction Technology (ARCH)
- Aviation Maintenance Management Technology (AVAMM)
- Drafting and Design Technology (DRAFT)
- **Business Technologies** with degrees in:
  - Accounting Technology (ACCTG)
  - Automotive Service Management Technology (ATSMT)
  - Business Administration (BUS) (fully transferable to Bachelors Degree at any SUS in Florida)
  - **Computer Information Technology**
    - Computer/Network Support Technician (CNET)
    - Microsoft Certified Office Specialist (MOS)
    - Network Security Plus (NETSEC+)
    - Office Systems Technology (OSMGT)
    - User Support Specialist (USS)
  - **Computer Programming and Analysis**
    - Windows Programming (WINPR)
  - **Database Technology**
    - Microsoft Certified Database Administrator (MCDBA)
    - Microsoft Certified Solution Developer (MCSD)
    - Oracle Certified Database Administrator (OCDBA)
    - Oracle Certified Database Developer (OCDEV)
  - **Internet Services Technology**
    - CIW Information Technology (IT) Security (CIWIT)
    - Master CIW Administrator (MCIWA)
    - Master CIW Designer (MCIWD)
    - Master CIW Application Developer (WEADV)
    - Master CIW Enterprise Developer (WEEDV)
    - Web Designer Technician (WEBDS)
    - Web Developer (WEBDV)
  - **Networking Services Technology**
    - Linux Systems Administrator (LINUX)
    - Microsoft Certified Systems Administrator (MCSA)
    - Microsoft Certified Systems Engineer (MCSE)
    - Microsoft Certified Systems Engineer: Security (MCSE:S)
    - Network Systems Specialist (NETWK)
    - Unix System Administrator (UNIX)
  - Software Systems Development (SSD)
- **Computer Engineering Technology**
  - CISCO Certified Network Professional (CCNP)
  - CISCO Certified Internetworking Expert (CCIE)
  - CISCO Certified Security Specialist (CCSS)
- **Digital Media/Multimedia Technology**
  - Digital Media Production (DMPRD)
  - Digital Media Video Production (DVPRD)
  - Digital Media Instructional (DMI)
- Early Childhood Education (CHDEV)
- **Engineering** with degrees in:
  - Computer-Integrated Manufacturing – Computer-Integrated Design (CID)
  - Electronics Engineering Technology (ELEC) (fully transferable to Bachelors Degree at any SUS in Florida)
  - Manufacturing Technology (MNTEC)
  - Quality Compliance Technology (QUAL)
  - Telecommunications Engineering Technology (TELEC)
- **Graphics Technology**
  - Graphic Arts -Printing (GRAPH)
  - Interactive/Multimedia Design (MLMD)
- Hospitality & Tourism Management (HMGT) (fully transferable to BS at FIU)
- Information Technology (IT) Project Management (ITPM)
- Information Tech (IT) Security (ITSEC)
- IT Quality Assurance and Software Testing (ITQAS)
- Legal Assisting (LEGAL)
- **Public Safety** with degrees in:
  - Emergency Administration and Management (EAM)
  - Fire Science Technology (FIRE)
- **Southeastern Public Safety** with degrees in**:**
  - Computer Related Crime Investigation (CRCI)
  - Crime Scene Technology (CST)
  - Criminal Justice Technology – CMS Law Enforcement (CMSLAW)
  - Criminal JusticeTechnology – Corrections (COR)
  - Security Management & Administration (SMA)
- Sign Language Interpretation (INTRP)
- **Health Programs**
  - Dental Hygiene (DENHY)
  - Emergency Medical Services (EMS)
  - Funeral Services (FUNSE)
  - Health Information Management (HIM)
  - Human Services
    - With options in:
      - Social Services (HSDIS)
      - Alcohol/Substance Abuse (HSM)
  - Medical Laboratory Technology (MLT)
  - Nursing (R.N.) (NURSE) **(**fully transferable to Bachelors Degree at any SUS in Florida))
    - (Including Transitional Day Program for LPNs in Florida,
    - Transitional Evening Program for Practical Nurses in Florida,
    - Transitional Evening Track for Paramedics)
  - Physical Therapist Assistant (PTA)
  - Radiography (RAD) (fully transferable to BS at UCF)
  - Respiratory Care (RESC)
    - (Including Transitional Program for Respiratory Care Technicians or Students with Advanced Standing;
    - Transitional Program for Paramedics)
  - Veterinary Technology (VETTC)
    - (Including Distance Education Program)

ASSOCIATE IN APPLIED SCIENCE DEGREES

- **Business Administration and Management**
  - With options in:
    - Management (MGMT)
    - Marketing (MKT)
- Industrial Management Technology (INMG)

COLLEGE CREDIT CERTIFICATES

AutoCAD Foundations Technology (ATCAD)
Building Construction Technology (BCNST)
Drafting Technology (DRAFT)
Business Technologies
- Accounting Applications (ACCAP)
- Business Administration (Veterinary Hospital Manager) (VHM)
- Computer/Network Support Technician (CNET)
- CTE Programming (PROG)
- CTE Software Systems Developer (SSD)
- LINUX System Administrator (LINUX)
- Master Certified Internet Web Administrator (MCIWA)
- Master Certified Internet Webmaster Designer (MCIWD)
- Master CIW Enterprise Developer (WEEDV)
- Microsoft Certified Database Administrator (MCDBA)
- Microsoft Certified Solution Developer (MCSD)
- Microsoft Certified Application Developer (MCAD)
- Microsoft Certified Office Specialist (MOS)
- Microsoft Certified Systems Administrator (MCSA)
- Microsoft Certified Systems Engineer (MCSE)
- Microsoft Certified Systems Engineer: Security (MCSE:S)
- Network Security Plus (NETSEC+)

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Network Systems Specialist (NETSY)
Oracle Certified Database Administrator (OCDBA)
Oracle Certified Database Developer (OCDEV)
Unix System Administrator (UNIX)
User Support Specialist (USS)
Web & E-Commerce Application Developer (WEADV)
Windows Programming (WINPR)

Computer Engineering

CISCO Certified Network Associate (CCNA)
CISCO Certified Internetworking Expert (CISCOIE)
CISCO Certified Security Specialist (CCSS)
CISCO Certified Network Professional (CCNP)

Desktop Designer (DESK)
Digital Media Production (DMPRD)
Digital Media Video Production (DVPRD)
Digital Media Instructional (DMI)

Engineering

Computer Integrated Design (CID)
Internetworking Support Technician (INST)
Lean-Six Sigma Expert (LEAN)
Quality Process Technician (QUAL)
Wide Area Network (WAN)

Food and Beverage Management (FBM)
Rooms Division Management (RDM)
CIW Information Technology (IT) Security (CIWIT)
IT Project Management (ITPM)
IT Quality Assurance and Software Testing (ITQAS)
Information Technology (IT) Security (ITSEC)

Criminal Justice

Basic Corrections (BCO)
Basic Law Enforcement (BLE)
Computer Related Crime Investigation (CRCI)
Crime Scene Technology (CST)
Security Management & Administration (SMA)

Public Safety

Emergency Administration and Management (EAM)
Fire Inspector I (FSPI)
Fire Inspector II (FSPII)
Fire Investigator I (FINI)
Fire Investigator II (FINII)
Fire Officer I (FOI)
Fire Officer II (FOII)

Health Care

Critical Care (CC)
Emergency Care (EMC)
Medical Coder (MEDCO)
Nursing Clinical Judgment (NCJ)
Nursing Pharmacotherapeutics (NPT)
Paramedic (PMED)
Patient Care Management (PCM)
Perioperative Nursing (BPN)

APPLIED TECHNOLOGY DIPLOMAS

- Associate Addiction Professional (CAAP)
- Emergency Medical Technician (EMT)
- Youth Development Professional (YDP)

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ARCHITECTURAL DESIGN AND CONSTRUCTION TECHNOLOGY (ARCH-AS)

ASSOCIATE IN SCIENCE DEGREE

(Major Courses are taught on the Clearwater Campus)

Jean Caldieron, Instructor-in-Charge, Telephone (727) 791-2598

A balance of practical skills and management training prepares successful AS degree candidates for careers in contractors' or architects' offices, building construction administration, or self-employment in the construction industry. The program is very flexible, allowing the student to choose electives that are most suited to their career goals. Some of the courses satisfy the requirement of the Construction Industry License Board for Continuing Education Units. Classes are conveniently offered days, evenings and weekends.

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communications **OR** (SPC 1016 or 1060)	3
Humanities /Fine Arts Approved Course			3
Mathematics	[a]	One college-level course with an MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (1602H, 1631, 2649)	3
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (12 credits)

Select 9 credits:	BUL 2131 or 2241 or 2242, GEB 1011, MAN 1800 or 2340, REE 1040	9
Select 3 credits:	CHM, GLY, ISC, PSC or PHY prefix	3

MAJOR COURSES (36 credits)

Codes – Select 3 credits: 3

BCN	1930	Hurricane Resistant Design
BCN	2014	OSHA
BCN	2068	ADA
BCT	1760	Codes
BCT	2066	RCS-96 Code
BCT	2067	SSTD 10-96 "Deemed to Comply"

Drawing – Select 3 credits: 3

ARC	1126C	Architectural Drawing I
BCN	1050	Building Specifications
BCN	1251C	Construction Drawing
BCN	1272	Blueprint Reading
TAR	2054C	Computer-Aided Drafting
TAR	2055C	Intermediate AutoCAD
TAR	2056C	Advanced AutoCAD
TAR	2122C	Advanced Construction Drawing

Estimating – Select 3 credits: 3

BCT	1600	Construction Estimating
BCT	2601	Advanced Estimating and Scheduling

General – Select 3 credits: 3

ARC	1211	The Building Arts
ARC	1701	Architectural History I
ARC	1702	Architectural History II

Industry – Select 3 credits: 3

BCN	2070	Avoiding and Resolving Claims
BCT	2705	Job Site Superintending
BCT	2715	Advanced Construction Project Mgmt
TAR	1271	Professional Practice

Materials – Select 3 credits: 3

ARC	2461	Materials & Methods of Construction I
BCN	1057	HVAC
BCN	1058	Plumbing
BCN	1059	Electrical
BCN	2052	Masonry
BCN	2053	Roofing
BCN	2054	Surveying
BCN	2055	Concrete
BCN	2056	Steel

Work Experience – Select 3 credits: 3

BCN	1940	Construction Practicum
BCN	2949	Co-op Work Experience
TAR	1941	Architectural Drafting Practicum
TAR	2949	Co-op Work Experience

Select 15 credits: ARC, BCN, BCT or TAR courses 15

TOTAL PROGRAM HOURS 66

a If you take MAT 1033, your degree will be an AAS instead of an AS. Transferability cannot be guaranteed with the AAS degree.

DRAFTING AND DESIGN TECHNOLOGY (DRAFT-AS)

ASSOCIATE IN SCIENCE DEGREE

(Major Courses are taught on the Clearwater Campus)

Jean Caldieron, Telephone (727) 791-2598

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communications **OR** (SPC 1016 or 1060)	3
Humanities /Fine Arts Approved Course			3
Mathematics	[a]	One college-level course with a MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (1602H, 1631 or 2649)	3
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (12 credits)

Select 3 credits:	CHM, GLY, ISC, PSC or PHY prefix	3
Select 9 credits:	BUL 2131 or 2241 or 2242, GEB 1011, MAN 1800 or 2340, REE 1040	9

MAJOR COURSES (32 credits)

BCN	1251C	Construction Drawing	3
TAR	2054C	Computer-Aided Drafting	3
TAR	2055C	Intermediate AutoCAD	3
TAR	2056C	Advanced AutoCAD	3
TAR	2122C	Advanced Construction Drawing	3

Codes – Select 3 credits: 3

BCN	1930	Hurricane Resistant Design
BCN	2014	OSHA
BCN	2068	ADA
BCT	1760	Codes
BCT	2066	RCS-96 Code
BCT	2067	SSTD 10-96 "Deemed to Comply"

Materials – Select 3 credits: 3

ARC	2461	Materials and Methods of Construction
BCN	1057	HVAC
BCN	1058	Plumbing
BCN	1059	Electrical
BCN	2052	Masonry
BCN	2053	Roofing
BCN	2054	Surveying
BCN	2055	Concrete
BCN	2056	Steel

Work Experience – Select 3 credits: *3*

BCN	1940	Construction Practicum
BCN	2949	Co-op Work Experience
TAR	1941	Architectural Drafting Practicum
TAR	2949	Co-op Work Experience

Select 8 credits: ARC, BCN, BCT or TAR courses 8

TOTAL PROGRAM HOURS 62

a If you take MAT 1033, your degree will be an AAS degree instead of an AS degree.

Transferability cannot be guaranteed with the AAS degree,

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AVIATION MAINTENANCE MANAGEMENT TECHNOLOGY (AVAMM-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to Technology Management BAS degree at SPC)
Brad Jenkins, Instructor-in-Charge, (727) 341-4378

The Aviation Maintenance Management Technology program is an articulated program with the National Aviation Academy (NAA), Clearwater, Florida. The program provides the opportunity for students who have successfully completed all the course requirements of study and who have been certified with the Aviation Maintenance Program for Airframe and Powerplant Technology, through the passage of the Federal Aviation Administration (FAA) exams, to pursue the college level education appropriate for management and supervision. The Aviation Maintenance Technology program, offered through NAA, consists of instruction and practical training in the maintenance, repair, inspection, and troubleshooting of different types of aircraft. The student must meet all NAA entrance and tuition requirements.

The graduates of this A.S. Degree in Aviation Maintenance Management Technology would also be eligible to transfer to the Bachelor of Applied Science Degree (BAS) in Technology Management.

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060, 1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college-level course with a MAC, MGF, MTG MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (9 credits)

MAN	2021	Principles of Management	3
AGC	2021	Financial Accounting	3
MAN	2340	Human Factors in Supervision	3
	TOTAL SPC CREDITS		**27**

NATIONAL AVIATION ACADEMY

MAJOR COURSES (56 credits)

Total credits approved from the Aviation Maintenance Program for Airframe and Powerplant Technology. This program has met all the standards established by the Federal Aviation Administration (FAA) for Aviation Maintenance Technician Schools under the FAA Certificate Number DV9T100-R.	56
TOTAL PROGRAM HOURS	**83**

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BUSINESS TECHNOLOGIES PROGRAM

Martha Adkins, Program Director (CL), (727) 791-2530
Joseph Smiley, Program Director (TS) (727) 712-5813
Connie Szuch, Program Director (SP/G) (727) 341-4724

Business Technologies offers a variety of academic programs that are designed to enhance the educational experiences and employment opportunities of students interested in the field of business. It is the goal of Business Technologies to prepare students to meet the challenges of an ever-changing, competitive, global society through high-quality education using state-of-the-art technology. Most of the Business Technologies programs incorporate specialty options permitting students to tailor their studies toward their own career and/or personal interests. Students in Business Technologies are educated in the fundamentals of computer technology, communications, and business management.

The field of business includes a variety of occupations ranging from manager, accountant, and supervisor, to salesperson, office assistant, and computer programmer/analyst. Business occupations in today's global marketplace require individuals to have good interpersonal skills as well as managerial and leadership skills. These skills are emphasized across the broad spectrum of academic programs and courses offered in Business Technologies. The general college admissions policy applies to all students entering any Business Technologies program.

Some Business Technologies courses are taught only at specified campuses and others are offered only in the evening. Based upon equipment and demand, some computer courses may be taught at only one site.

The programs offered by Business Technologies are:

ASSOCIATE IN SCIENCE Degrees

Accounting Technology (ACCTG)
Automotive Service Management Technology (ATSMT)
Business Administration (Fully transferable to a Bachelors Degree at any state university in FL) (BUS)

Computer Information Technology
With options in:
- Computer/Network Support Technician (CNET)
- Microsoft Certified Office Specialist (MOS)
- Network Security Plus (NETSEC+)
- Office Systems Technology (OSMGT)
- User Support Specialist (USS)

Computer Programming and Analysis
Windows Programming (WINPR)

Database Technology
With options in:
- Microsoft Certified Database Administrator (MCDBA)
- Microsoft Certified Solution Developer (MCSD)
- Oracle Certified Database Administrator (OCDBA)
- Oracle Certified Database Developer (OCDEV)

Internet Services Technology
With options in:
- CIW Information Technology (IT) Security (CIWIT)
- Master CIW Administrator (MCIWA)
- Master CIW Designer (MCIWD)
- Master CIW Application Developer (WEADV)
- Master CIW Enterprise Developer (WEEDV)
- Web Designer Technician (WEBDS)
- Web Developer (WEBDV)

Networking Services Technology
With options in:
- Linux Systems Administrator (LINUX)
- Microsoft Certified Systems Administrator (MCSA)
- Microsoft Certified Systems Engineer (MCSE)
- Microsoft Certified Systems Engineer: Security (MCSE:S)
- Network Systems Specialist (NETWK)
- Unix System Administrator (UNIX)

Software Systems Development (SSD)

ASSOCIATE IN APPLIED SCIENCE Degrees

Business Administration and Management
With options in:
- Management (MGMT)
- Marketing (MKT)

Industrial Management Technology (INMG)

COLLEGE CREDIT CERTIFICATES
- Accounting Applications (ACCAP)
- Business Administration (Veterinary Hospital Manager) (VHM)
- Computer/Network Support Technician (CNET)
- CTE Programming (PROG)
- CTE Software Systems Developer (SSD)
- LINUX System Administrator (LINUX)
- Master Certified Internet Web Administrator (MCIWA)
- Master Certified Internet Webmaster Designer (MCIWD)
- Master CIW Enterprise Developer (WEEDV)
- Microsoft Certified Database Administrator (MCDBA)
- Microsoft Certified Solution Developer (MCSD)
- Microsoft Certified Application Developer (MCAD)
- Microsoft Certified Office Specialist (MOS)
- Microsoft Certified Systems Administrator (MCSA)
- Microsoft Certified Systems Engineer (MCSE)
- Microsoft Certified Systems Engineer (MCSE:S)
- Network Security Plus (NETSEC+)
- Network Systems Specialist (NETSY)
- Oracle Certified Database Administrator (OCDBA)
- Oracle Certified Database Developer (OCDEV)
- Unix System Administrator (UNIX)
- User Support Specialist (USS)
- Web & E-Commerce Application Developer (WEADV)
- Windows Programming (WINPR)

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ACCOUNTING TECHNOLOGY (ACCTG-AS)

ASSOCIATE IN SCIENCE DEGREE

GENERAL EDUCATION COURSES (21 credits)

ENC	1101	Composition I	3
SPC	1016	Business and Professional Speaking **OR** (SPC 1600)	3
Humanities/Fine Arts Approved Course			3
Mathematics		[a] One college level course with a MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
CGS	1100	Microcomputer Applications	3

SUPPORT COURSES (25 credits)

ACG	2001-2011	Applied Financial Accounting I & II **OR**	3, 3
ACG	2021	[b] Financial Accounting	(3)
BUL	2241	Business Law I	3
FIN	1030	Principles of Finance	3
GEB	1011	Introduction to Business	3
GEB	2350	Survey of International Business	3
MAN	2340	Human Factors in Supervision	3
OST	1793	Internet Orientation	1
OST	2335	Professional Communication Skills	3

MAJOR COURSES (18 credits)

ACG	2071	Managerial Accounting	3
ACG	2100	Intermediate Accounting I	3
ACG	2110	Intermediate Accounting II	3
ACG	2062	Microcomputer Accounting	3
CGS	1515	Spreadsheet Techniques and Programming	3
TAX	2000	Introduction to Business Taxes	3
		TOTAL PROGRAM HOURS	**64**

a If you take MAT 1033, your degree will be an AAS instead of an AS. Transferability cannot be guaranteed with the AAS degree.

b Students who choose to take ACG 2021 instead of ACG 2001 and ACG 2011 must take an additional 3 credit elective: ACG 2949, CTS 2261, CGS 2103, MAN 2021 or other ACG or TAX course.

AUTOMOTIVE SERVICE MANAGEMENT TECHNOLOGY (ATSMT-AS)

ASSOCIATE IN SCIENCE DEGREE

The Automotive Service Management Technology program is a joint venture with the Pinellas County School system designed to provide postsecondary continuing education opportunities toward an A.S. degree for students completing a PTEC certificate and apprenticeship program. This program is also in conjunction with the Chrysler Dealer Apprenticeship Program (CAP), which is a nationwide effort to train and employ the industry's best automotive technicians. **Prospective students must be sponsored by a local Chrysler Dealership and must be enrolled in the Chrysler CAP program at Pinellas Technical Education Center**.

GENERAL EDUCATION REQUIREMENTS (18 credits)

ENC	1101	Composition I	3
SPC	1016	Business and Professional Speaking **OR** (SPC 1600)	3
Humanities/Fine Arts Approved Course			3
Mathematics		*Any College level MAC, MAP, MAT, MGF, MTG or MTG or STA prefix	3
POS	2041	American National Government	3
PHI	1631	Studies in Professional Ethics	3

PROGRAM REQUIREMENTS (15 credits)

CGS	1100	Microcomputer Applications	3
MAN	2340	Human Factors in Supervision	3
MNA	2949	Coop Work Experience	6
OST	2335	Professional Communication Skills	3
Total SPC credits			**33**
Total credits from Approved Chrysler Dealership Apprenticeship Program			**35**
		TOTAL PROGRAM HOURS	**68**

* A student who completes MAT 1033 instead of a college level Mathematics course, may with the approval of the Program Director be granted an Associate in Applied Science degree.

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BUSINESS ADMINISTRATION (BUS-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to Bachelor's Degree at any state university in Florida)

		GENERAL EDUCATION COURSES (24 credits)	
ENC	1101	Composition I	3
ENC	1102	Composition II	3
Humanities/Fine Arts Approved Course			3
SPC	1600	Introduction to Speech Communication	3
MAC	1105	College Algebra	3
MAC	2233	Applied Calculus	3
ECO	2013	Principles of Macroeconomics	3
ECO	2023	Principles of Microeconomics	3
		PROGRAM PREREQUISITES (12 credits)	
ACG	2021	Financial Accounting	3
ACG	2071	Managerial Accounting	3
CGS	1100	Microcomputer Applications	3
STA	2023	Elementary Statistics	3
		PROFESSIONAL CORE COURSES (28 credits)	
BUL	2241	Business Law I	3
GEB	1011	Introduction to Business	3
MAN	2021	Principles of Management	3
MAR	2011	Principles of Marketing	3
CGS	1560	Microcomputer Operating System	3
CGS	2103	Advanced Microcomputer Applications	3
OST	1793	Internet Orientation	1
OST	2335	Professional Communication Skills	3
PHI	1631	Studies in Professional Ethics	3
Select 3 credits:			
COP	1822	Introduction to Web Page Creation	(1)
COP	1829	Web Graphics I	(1)
LIS	1002	Electronic Access to Information	(1)
MAN	2949	Co-op Work Experience	(1-3)
PHI	2103	Critical Thinking and Decision Making	(3)
	TOTAL PROGRAM HOURS		**64**

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COMPUTER INFORMATION TECHNOLOGY

*COMPUTER/NETWORK SUPPORT TECHNICIAN (CNET-AS) OR MICROSOFT CERTIFIED OFFICE SPECIALIST (MOS-AS) OR *NETWORK SECURITY PLUS (NETSEC+) OR OFFICE SYSTEMS TECHNOLOGY (OSMGT-AS) OR USER SUPPORT SPECIALIST (USS-AS)

ASSOCIATE IN SCIENCE DEGREE

***(Fully transferable to Technology Management BAS degree at SPC)**

GENERAL EDUCATION COURSES (21 credits)

ENC	1101	Composition I	3
SPC	1016	Business and Professional Speaking **OR** (SPC 1600)	3
Humanities/Fine Arts Approved Course			3
Mathematics	[a]	One college-level course with an MAC MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
CGS	1100	Microcomputer Applications	3

SUPPORT COURSES (21 credits)

ACG	2021	Financial Accounting	3
ACG	2071	[b] Managerial Accounting **OR**	3
FIN	1030	Principles of Finance	(3)
BUL	2241	Business Law I	3
CGS	1000	Introduction to Computers and Programming	3
CGS	1560	Microcomputer Operating Systems	3
GEB	1011	Introduction to Business	3
MAN	2340	Human Factors in Supervision	3

Option A: *Computer/Network Support Technician (CNET) (21 credits)

CET	1171C	Personal Computer Systems Repair I	3
CET	1172C	Personal Computer Systems Repair II	3
CGS	1263	Local Area Network Concepts	3
CGS	1260	Computer Hardware Decision	3
COP	2403	P/C Assembler	3
Select 6 credits:			
CDA	2500	Data Communications	(3)
CEN	1300	Implementing and Supporting MS Windows XP Professional	(3)
CIS	2321	Systems Analysis and Design	(3)

TOTAL PROGRAM HOURS 63

OR

Option B: Microsoft Certified Office Specialist (MOS) (21 credits)

CGS	1930	Micro Systems Software	1
CGS	2103	Advanced Microcomputer Applications	3
COP	1822	Introduction to Web Page Creation	1
COP	1829	Web Graphics	1
CTS	2220	Advanced Word (Microsoft Specialist)	3
CTS	2261	Advanced Excel (Microsoft Specialist)	3
CTS	2570	Advanced PowerPoint (Microsoft Specialist)	3
CTS	2760	Outlook (Microsoft Specialist)	1
CTS	2431	Advanced Access (Microsoft Specialist)	3
OST	1793	Internet Orientation	1
OST	1810	Desktop Publishing I	1

TOTAL PROGRAM HOURS 63

OR

Option C: *Network Security Plus (NETSEC+) (21 credits)

CET	1588	Internet Technologies	3
CET	2663	Network Security Fundamentals	3
CET	2883	Network Security Advanced	3
CET	1171C	Personal Computer Systems Repair I	3
CET	1172C	Personal Computer Systems Repair II	3
CGS	1263	LAN Concepts	3
CGS	1260	Hardware Decisions	3

TOTAL PROGRAM HOURS 63

OR

Option D: Office Systems Technology (OSMGT) (21 credits)

CGS	1515	Spreadsheet Techniques and Programming	3
CGS	2103	Advanced Microcomputer Applications	3
COP	1822	Introduction to Web Page Creation	1
COP	1829	Web Graphics	1
CTS	2760	Outlook (Microsoft Specialist)	1
OST	1100	Keyboarding I	3
OST	1110	Keyboarding II	3
OST	1810	Desktop Publishing I	1
OST	1812	Desktop Publishing II	1
OST	1793	Internet Orientation	1
OST	2335	Professional Communication Skills	3

TOTAL PROGRAM HOURS 63

OR

Option E: User Support Specialist (USS) (21 credits)

CGS	1260	Computer Hardware Decisions	3
CGS	1263	Local Area Network Concepts	3
CGS	1545	Database Techniques and Programming	3
CGS	2402	Programming in C++ for Business	3
CIS	2321	Systems Analysis and Design	3
COP	2250	JAVA Programming I	3
COP	1822	Introduction to Web Page Creation	1
OST	1793	Internet Orientation	1
OST	1810	Desktop Publishing I	1

TOTAL PROGRAM HOURS 63

a If you take MAT 1033, your degree will be an AAS instead of an AS. Transferability cannot be guaranteed with the AAS degree,

b Students transferring to a four-year institution must also take ACG 2071.

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COMPUTER PROGRAMMING AND ANALYSIS

WINDOWS PROGRAMMING (WINPR-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to Technology Management BAS degree at SPC)

GENERAL EDUCATION COURSES (21 credits)			
ENC	1101	Composition I	3
SPC	1016	Business and Professional Speaking **OR** SPC 1600	3
Humanities/Fine Arts Approved Course			3
Mathematics		[a] One college-level course with an MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
CGS	1100	Microcomputer Applications	3
SUPPORT COURSES (24 credits)			
ACG	2021	Financial Accounting	3
ACG	2071	[b] Managerial Accounting **OR**	3
FIN	1030	Principles of Finance	(3)
BUL	2241	Business Law I	3
CGS	1000	Introduction to Computers and Programming	3
CGS	1560	Microcomputer Operating Systems	3
GEB	1011	Introduction to Business	3
MAN	2340	Human Factors in Supervision	3
OST	2335	Professional Communication Skills	3
MAJOR COURSES (18 credits)			
CIS	2321	Systems Analysis and Design	3
COP	2837	Visual Basic.Net Programming I	3
COP	2838	Visual Basic.Net Programming II	3
COP	2839	ASP.NET Programming with VB.NET	3
OR			
COP	2250	Java Programming I	(3)
COP	2800	Java Programming II	(3)
COP	2802	Java Server Pages and Servlets	(3)
CIS	2321	Systems Analysis and Design	(3)
Select 6 credits of courses not already taken:			
COP	2250	Java Programming I **AND**	(3)
COP	2800	Java Programming II	(3)
OR			
COP	2837	Visual Basic.Net Programming I **AND**	(3)
COP	2838	Visual Basic.Net Programming II	(3)
OR			
CGS	2402	Programming in C++ for Business **AND**	(3)
COP	2222	Advanced C++ Programming for Business	(3)
OR			
CGS	2402	Programming in C++ for Business **AND**	(3)
COP	2360	Introduction to C# Programming	(3)
		TOTAL PROGRAM HOURS	**63**

a If you take MAT 1033, your degree will be an AAS instead of an AS. Transferability cannot be guaranteed with the AAS degree,

b Students transferring to a four-year institution must take ACG 2071.

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DATABASE TECHNOLOGY

MICROSOFT CERTIFIED DATABASE ADMINISTRATOR (MCDBA-AS) OR MICROSOFT CERTIFIED SOLUTION DEVELOPER (MCSD-AS) OR ORACLE CERTIFIED DATABASE ADMINISTRATOR (OCDBA-AS) OR ORACLE CERTIFIED DATABASE DEVELOPER (OCDEV-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to Technology Management BAS degree at SPC)

GENERAL EDUCATION COURSES (21 credits)

ENC	1101	Composition I	3
SPC	1016	Business and Professional Speaking **OR** (SPC 1600)	3
Humanities/Fine Arts Approved Course			3
Mathematics		[a] One college-level course with a MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
CGS	1100	Microcomputer Applications	3

SUPPORT COURSES (24 credits)

ACG	2021	Financial Accounting	3
ACG	2071	[b] Managerial Accounting **OR**	3
FIN	1030	Principles of Finance	(3)
BUL	2241	Business Law I	3
CGS	1000	Introduction to Computers	3
CGS	1560	Microcomputer Operating Systems	3
GEB	1011	Introduction to Business	3
MAN	2340	Human Factors in Supervision	3
OST	2335	[c] Professional Communication Skills	3

Total General Education & Support Courses **45**

Option A: Microsoft Certified Database Administrator (MCDBA) (18 credits)

CEN	1300	Implementing and Supporting MS Windows XP Professional	3
CEN	1301	Managing & Maintaining a MS Windows Server 2003 Environment	3
CEN	1303	System Administration for MS SQL Server	3
CEN	1304	Implementing, Managing & Maintaining a MS Windows Server 2003 Network Infrastructure	3
CEN	1305	Planning & Maintaining a MS Windows Server 2003 Network Infrastructure	3
COP	2705	Programming a Database Design on MS SQL Server	3

TOTAL PROGRAM HOURS **63**

OR

Option B: Microsoft Certified Solution Developer (MCSD) (21 credits)

CEN	2331	Distributed Application and Database Design Using MS Tools	3
COP	2705	Programming a Database Design on MS SQL Server	3
COP	2837	Visual Basic.NET Programming I	3
COP	2838	Visual Basic.NET Programming II	3
COP	2839	ASP.NET Programming with VB.NET	3
CTS	2820	Building COM+ Windows Components Using Visual Studio.Net	3
CTS	2821	XML Web Services and ADO.NET	3

TOTAL PROGRAM HOURS **63**

OR

Option C: Oracle Certified Database Administrator (OCDBA) (18 credits)

COP	2740	Introduction to Oracle: SQL & PL/SQL	3
COP	2741	Oracle Fundamentals I: Architecture and Administration	3
COP	2742	Oracle Fundamentals II: Backup and Recovery With Networking	3
COP	2744	Oracle Performance Tuning	3
COP	2763	Oracle Net Services: Advanced Administration	3
Select 3 credits:			
CDA	2500	Data Communications	(3)
CGS	1545	Database Techniques and Programming	(3)
CGS	2402	C++ Programming for Business	(3)
CIS	2321	Systems Analysis and Design	(3)
COP	2250	Java Programming I	(3)
COP	2762	Oracle Database Administrator Certified Professional Upgrade	(3)

TOTAL PROGRAM HOURS **63**

OR

Option D: Oracle Certified Database Developer (OCDEV) (18 credits)

COP	2740	Introduction to Oracle: SQL & PL/SQL	3
COP	2745	Oracle 9i: Program with PL/SQL	3
COP	2746	Oracle 9i Forms Developer: Build Internet Applications I	3
COP	2747	Oracle9i Forms Developer: Build Internet Applications II	3
COP	2748	Oracle 9i Reports Developer: Build Reports	3
Select 3 credits:			
CDA	2500	Data Communications	(3)
CGS	1545	Database Techniques and Programming	(3)
CGS	2402	C++ Programming for Business	(3)
CIS	2321	Systems Analysis and Design	(3)
COP	2250	Java Programming I	(3)

TOTAL PROGRAM HOURS **63**

a If you take MAT 1033, your degree will be an AAS instead of an AS. Transferability cannot be guaranteed with the AAS degree,

b Students transferring to a four-year institution must take ACG 2071

c Not required for Microsoft Certified Solution Developer (MCSD) program.

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INTERNET SERVICES TECHNOLOGY

CIW INFORMATION TECHNOLOGY (IT) SECURITY (CIWIT-AS) OR CIW MASTER ADMINISTRATOR (MCIWA-AS) OR CIW MASTER DESIGNER (MCIWD-AS) OR CIW APPLICATION DEVELOPER (WEADV-AS) OR CIW ENTERPRISE DEVELOPER (WEEDV-AS) OR WEB DESIGNER TECHNICIAN (WEBDS-AS) OR WEB DEVELOPER TECHNICIAN (WEBDV-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to Technology Management BAS degree at SPC)

GENERAL EDUCATION COURSES (21 credits)

ENC	1101	Composition I	3
SPC	1016	Business and Professional Speaking **OR** (SPC 1600 or 1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college-level course with an MAC, MGF MTG, or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
CGS	1100	Microcomputer Applications	3

SUPPORT COURSES (21 credits)

ACG	2021	Financial Accounting	3
ACG	2071	Managerial Accounting **OR**	3
FIN	1030	Principles of Finance	(3)
CGS	1000	Introduction to Computers and Programming	3
CGS	1263	Local Area Network Concepts	3
CGS	1560	Microcomputer Operating Systems	3
GEB	1011	Introduction to Business	3
MAN	2340	Human Factors in Supervision	3
Option A:		**CIW Information Technology (IT) Security (CIWIT) (21 credits)**	
CEN	1543	Introduction to Internetworking Security	3
CEN	2525	Advanced Internetworking Security	3
CGS	1824	Web Foundations	3
CIS	1353	Network Security Auditing, Attacks and Threat Analysis	3
CIS	1356	Network Security and Firewalls	3
CIS	1358	Operating System Security	3
Computer Elective			3

TOTAL PROGRAM HOURS 63

OR

Option B:		**CIW Master Administrator (MCIWA) (21 credits)**	
CGS	1824	Web Foundations	3
CEN	1511	Introduction to Server Administration	3
CEN	1514	Introduction to TCP/IP Concepts & Practices	3
CEN	1543	Introduction to Internetworking Security	3
CEN	2513	Advanced Server Administration	3
CEN	2520	Advanced TCP/IP Concepts & Practices	3
CEN	2525	Advanced Internetworking Security	3

TOTAL PROGRAM HOURS 63

OR

Option C:		**CIW Master Designer (MCIWD) (21 credits)**	
CGS	1172	E-Commerce Site Designer I	3
CGS	1824	Web Foundations	3
CGS	2173	E-Commerce Site Designer II	3
CGS	2820	Site Designer I	3
CGS	2821	Site Designer II	3
COP	2823	Advanced Web Page Creation	3
Select 3 credits:			
CGS	1935	Visual Design for the Internet	(3)
CGS	2525	Introduction to Multimedia	(2)
COP	1829	Web Graphics	(1)
GRA	2160	Basic Animation	(2)

TOTAL PROGRAM HOURS 63

OR

Option D:		**CIW Application Developer(WEADV) (21 credits)**	
CGS	1824	Web Foundations	3
COP	1001	PERL Fundamentals	3
COP	1803	JavaScript Fundamentals	3
COP	1830	Dynamic Server Pages	3
COP	2823	Advanced Web Page Creation	3
CTS	1103	Fundamentals of CGI Using PERL	3
Select 3 credits:			
CGS	2402	Programming in C++ for Business	(3)
COP	2222	Advanced C++ Programming for Business	(3)
COP	2250	Java Programming I	(3)
COP	2837	Visual Basic.NET Programming I	(3)
COP	2838	Visual Basic.NET Programming II	(3)

TOTAL PROGRAM HOURS 63

OR

Option DD:		**CIW Enterprise Developer (WEEDV) (21 credits) (Prerequisite: WEADV certificate)**	
COP	1361	Object Oriented Analysis and Design	3
COP	2253	Java Programming Fundamentals	3
COP	2712	Database Design Methodology	3
COP	2807	Distributed Object Computing Using CORBA & Java	3
COP	2809	Enterprise JavaBeans	3
CTS	2432	Building Database Client Applications Using JDBC	3
Select 3 credits:			
CGS	2402	Programming in C++ for Business	(3)
COP	2222	Advanced C++ Programming for Business	(3)
COP	2250	Java Programming I	(3)
COP	2837	Visual Basic.NET Programming I	(3)
COP	2838	Visual Basic.NET Programming II	(3)

TOTAL PROGRAM HOURS 63

OR

Option E:		**Web Designer Technician (WEBDS) (21 credits)**	
CGS	1935	Visual Design for the Internet	3
CGS	2525	Introduction to Multimedia	2
CGS	2871	Desktop Audio/Video Design	3
COP	1822	Introduction to Web Page Creation	1
COP	1826	Web Graphics Design I	3
COP	1827	Web Graphics Design II	3
COP	1941	Website Creation Practicum	1
COP	2823	Advanced Web Page Creation	3
OST	1793	Internet Orientation	1
		Elective	1

TOTAL PROGRAM HOURS 63

OR

Option F:		**Web Developer Technician (WEBDV) (21 credits)**	
CGS	1936	Interactive Web Page Creation: CGI Scripts Using PERL	3
CGS	1937	CGI Scripts Using PERL II	3
COP	1822	Introduction to Web Page Creation	1
COP	1941	Website Creation Practicum	1
COP	2600	Object Oriented Web Programming	3
COP	2801	JavaScript	3
COP	2823	Advanced Web Page Creation	3
OST	1793	Internet Orientation	1
Select 3 credits:			
CGS	1935	Visual Design for the Internet	(3)
CGS	2402	Programming in C++ for Business	(3)
CGS	2525	Introduction to Multimedia	(2)
COP	1829	Web Graphics I	(1)
COP	2837	Visual Basic.NET Programming I	(3)
GRA	2160	Basic Animation	(2)

TOTAL PROGRAM HOURS 63

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NETWORKING SERVICES TECHNOLOGY

LINUX SYSTEM ADMINISTRATOR (LINUX-AS) OR MICROSOFT CERTIFIED SYSTEMS ADMINISTRATOR (MCSA-AS) OR MICROSOFT CERTIFIED SYSTEMS ENGINEER (MCSE-AS) OR MICROSOFT CERTIFIED SYSTEMS ENGINEER: SECURITY (MCSE:S-AS) OR NETWORK SYSTEMS SPECIALIST (NETWK-AS) OR UNIX SYSTEM ADMINISTRATOR (UNIX-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to Technology Management BAS degree at SPC)

GENERAL EDUCATION COURSES (21 credits)

ENC	1101	Composition I	3
SPC	1016	Business and Professional Speaking **OR** (SPC 1600 or 1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics [a]		One college-level course with an MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
CGS	1100	Microcomputer Applications	3

SUPPORT COURSES (21 credits)

ACG	2021	Financial Accounting	3
ACG	2071	[b] Managerial Accounting **OR**	3
FIN	1030	Principles of Finance	(3)
BUL	2241	Business Law I	3
CGS	1000	Introduction to Computers and Programming	3
CGS	1560	Microcomputer Operating Systems	3
GEB	1011	Introduction to Business	3
MAN	2340	Human Factors in Supervision	3

Option A: Linux System Administrator (LINUX) (21 credits)

COP	2340	Fundamentals of the Linux/Unix Operating Environment	3
COP	2344	Shell Programming for System Administrators	3
COP	2347	Linux/Unix Network Administration	3
CTS	2311	Linux/Unix System Security	3
CTS	2321	Linux System Administration I	3
CTS	2322	Linux System Administration II	3
Select 3 credits:			
CTS	2160	Linux/Unix Domain Name Service (DNS) Administration	(3)
CTS	2430	Oracle 8i for Linux	(3)
CTS	2813	Linux/Unix Apache Web Server Administration	(3)

TOTAL PROGRAM HOURS 63

OR

Option B: Microsoft Certified Systems Administrator (MCSA) (21 credits)

CGS	1263	Local Area Network Concepts	3
CEN	1300	Implementing and Supporting Microsoft Windows XP Professional	3
CEN	1301	Managing & Maintaining a MS Windows Server 2003 Environment	3
CEN	1304	Implementing, Managing & Maintaining a Microsoft Windows Server 2003 Network Infrastructure	3
CEN	1305	Planning & Maintaining a MS Windows Server 2003 Network Infrastructure	3
Select 6 credits:			
CEN	XXXX	Any CEN courses not already required	6

TOTAL PROGRAM HOURS 63

OR

Option C: Microsoft Certified Systems Engineer (MCSE) (21 credits)

CEN	1300	Implementing and Supporting Microsoft Windows XP Professional	3
CEN	1301	Managing & Maintaining a MS Windows Server 2003 Environment	3
CEN	1304	Implementing, Managing & Maintaining a Microsoft Windows Server 2003 Network Infrastructure	3
CEN	1305	Planning & Maintaining a MS Windows Server 2003 Network Infrastructure	3
CEN	1320	Planning, Implementing & Maintaining a MS Windows Server 2003 Active Directory Infrastructure	3
Select 6 credits:			
One course must be CEN 1321 or CEN 1323			
CEN	1321	Designing a MS Windows Server 2003 Active & Directory Network Infrastructure **OR**	3
CEN	1323	Designing Security For a MS Windows Server 2003 Network	(3)
CEN	1303	System Administration for MS SQL Server	(3)
CEN	1306	Implementing & Managing MS Exchange Server 2003	(3)
CEN	1307	Creating and Configuring a Web Server Using Microsoft Tools	(3)
CEN	1309	Supporting MS Systems Management Server	(3)
CEN	1310	Fundamentals of Developing a Business to Consumer Solution with MS Commerce Server 2000	(3)
CEN	1316	Designing & Developing a Microsoft Exchange Server Organization	(3)
COP	2705	Programming a Database on Microsoft SQL Server	(3)
CTS	1812	Developing and Deploying Microsoft BizTalk Server 2000 Solutions	(3)

TOTAL PROGRAM HOURS 63

OR

Option D: Microsoft Certified Systems Engineer: Security (MCSE:S) (21 credits)

CEN	1300	Implementing & Supporting Microsoft Windows XP Professional	3
CEN	1301	Managing & Maintaining a MS Windows Server 2003 Environment	3
CEN	1304	Implementing, Managing and Maintaining a MS Windows Server 2003 Network Infrastructure	3
CEN	1305	Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure	3
CEN	1320	Planning, Implementing and Maintaining a Microsoft-Windows Server 2003 Active Directory Infrastructure	3
CEN	1323	Designing Security for a MS Windows Server 2003 Network	3
CTS	1313	Fundamentals of Network Security with Microsoft ISA Server	

TOTAL PROGRAM HOURS 63

OR

Option E: Network Systems Specialist (NETWK) (21 credits)

CDA	2500	Data Communication	3
CEN	2523	Local Area Network Administration	3
CEN	2524	Local Area Network Troubleshooting	3
CGS	1263	Local Area Network Concepts	3
CIS	2321	Systems Analysis and Design	3
COP	2403	P/C Assembler	3
Select 3 credits:			
CET	1171C	Personal Computer Systems Repair I	(3)
CET	1172C	Personal Computer Systems Repair II	(3)
CGS	1260	Computer Hardware Decisions	(3)
COP	1822	Introduction to Web Page Creation	(1)
COP	1829	Web Graphics I	(1)
OST	1793	Internet Orientation	(1)

TOTAL PROGRAM HOURS 63

OR

Option F: Unix System Administrator (UNIX) (21 credits)

COP	2340	Fundamentals of the Linux/Unix Operating Environment	3
COP	2341	Unix System Administration I	3
COP	2344	Shell Programming for System Administrators	3
COP	2345	Unix System Administration II	3
COP	2347	Linux/Unix Network Administration	3
CTS	2311	Linux/Unix System Security	3
Select 3 credits:			
CTS	2160	Linux/Unix Domain Name Server (DNS) Administration	(3)
CTS	2813	Linux/Unix Apache Web Server Administration	(3)

TOTAL PROGRAM HOURS 63

a If you take MAT 1033,your degree will be an AAS instead of an AS. Transferability cannot be guaranteed with the AAS degree,
b Students transferring to a four-year institution must also take ACG 2071.

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SOFTWARE SYSTEMS DEVELOPMENT CARNEGIE TECHNOLOGY EDUCATION (SSD-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to Technology Management BAS degree at SPC)

GENERAL EDUCATION COURSES (21 credits)			
ENC	1101	Composition I	3
SPC	1016	Business and Professional Speaking **OR** (SPC 1600 or1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics		[a] One college-level course with an MAC, MGF or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
CGS	1100	Microcomputer Applications	3
SUPPORT COURSES (24 credits)			
CGS	1560	Microcomputer Operating Systems	3
GEB	1011	Introduction to Business	3
COP	1006	Introduction to Information Systems	3
CGS	1493	Introduction to Computer Systems	3
CGS	1492	Object Oriented Programming Design	3
CGS	1490	User Centered Design and Testing	3
CGS	2402	Programming in C++ for Business	3
CGS	1491	Data Structures and Algorithms	3
MAJOR COURSES (18 credits)			
COP	1607	Software Specification, Test and Maintenance	3
COP	1610	System Level Programming	3
COP	1631	Networks and Distributed Computing	3
COP	1700	Database Systems	3
COP	2222	Advanced C++ Programming for Business **OR**	3
COP	2360	Introduction to C# Programming	(3)
MAN	1582	Software Project Organization and Management	3
	TOTAL PROGRAM HOURS		**63**

a If you wish to take a lower math, you may take MAT 1033. Your degree will be an AAS instead of an AS. Transferability cannot be guaranteed with the AAS degree.

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COMPUTER NETWORKING AND SECURITY WITH INDUSTRY CERTIFICATIONS

CISCO CERTIFIED NETWORK PROFESSIONAL (CCNP-AS) OR CISCO CERTIFIED INTERNETWORKING EXPERT (CCIE-AS) OR CISCO CERTIFIED SECURITY SPECIALIST (CCSS-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to Technology Management BAS degree at SPC)

Matthew J. Basham, Program Director, (727) 549-6160

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics		Any college level course with a MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
Computer/Information Literacy Competency Requirement			

CORE COURSES (26 credits)

CIS	1341	UNIX/Introduction **AND**	1
COP	1344	UNIX Shell Programming **OR**	1
COP	2340	Fundamentals of the UNIX Operating System	(3)
CET	1171C	Personal Computer Systems Repair I	3
CET	1172C	Personal Computer Systems Repair II	3
CEN	1300	Implementing & Supporting Microsoft Windows XP Professional	3
CEN	1301	Managing & Maintaining a MS Windows Server 2003 Environment	3
CET	1600	Network Fundamentals (CISCO)	3
CET	1610	Router Technology (CISCO)	3
CET	2615	Advanced Router Technology (CISCO)	3
CET	2620	Project Based Learning (CISCO)	3

Option A: CISCO Certified Network Professional (CCNP) (24 credits)

CET	2625	Building Scalable CISCO Networks	6
CET	2626	Building CISCO Remote Access Networks	6
CET	2627	Building CISCO Multilayer Switched Networks	6
CET	2628	CISCO Internetworking Troubleshooting Support	6

TOTAL PROGRAM HOURS 68

OR

Option B: CISCO Certified Internetworking Expert (CCIE) (24 credits)

CET	2670	Advanced Topics in Routing Protocols (CCIE)	3
CET	2671	Border Gateway Protocol (BGP)	3
CET	2672	Open Shortest Path First	3
CET	2940	Practicum in CISCO CCIE	3

Select 12 credits:

CET	2625	Building Scalable CISCO Networks	(6)
CET	2626	Building CISCO Remote Access Networks	(6)
CET	2627	Building CISCO Multilayer Switched Networks	(6)
CET	2629	CISCO Certified Design Associate (CCDA)	(3)
CET	2660	Fundamentals of Computer Network Security	(3)
CET	2661	Secure Virtual Private Networks (VPN's)	(3)
CET	2665	Secure PIX Firewalls	(3)
CET	2680	CISCO Works Software	(3)
CET	2681	Secure Intrusion Detection	(3)
CET	2682	CISCO Voice Over IP (VoIP)	(3)

TOTAL PROGRAM HOURS 68

OR

Option C: CISCO Certified Security Specialist (CCSS) (24 credits)

CET	2660	Fundamentals of Computer Network Security	3
CET	2661	Secure Virtual Private Networks (VPN's)	3
CET	2665	Secure PIX Firewalls	3
CET	2681	Secure Intrusion Detection	3
CET	2685	Managing CISCO Network Security	3

Select 9 credits:

CET	2625	Building Scalable CISCO Networks	(6)
CET	2626	Building CISCO Remote Access Networks	(6)
CET	2627	Building CISCO Multilayer Switched Networks	(6)
CET	2629	CISCO Certified Design Associate (CCDA)	(3)
CET	2680	CISCO Works Software	(3)
CET	2682	CISCO Voice Over IP (VoIP)	(3)

TOTAL PROGRAM HOURS 68

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DIGITAL MEDIA/MULTIMEDIA TECHNOLOGY

DIGITAL MEDIA PRODUCTION (DMPRD-AS) OR DIGITAL VIDEO PRODUCTION (DVPRD-AS) OR DIGITAL MEDIA INSTRUCTIONAL (DMI-AS)

ASSOCIATE IN SCIENCE DEGREE

(Courses offered on the Seminole Campus)

Delynda Keefe, Instructor-in-Charge, SE, (727) 394-6127

The Digital Media Technology program at St. Petersburg College meets the needs of one of the fastest growing sectors in the computer industry. Digital Media pertains to the convergence of communication technologies, including television, the World Wide Web, and computer-based interactivity and nonlinear structure. It extends well beyond the scope of the business world. Interactive games, education, CD-ROMs, DVDs, digital video, and dynamic Websites are changing the way we learn and entertain ourselves. The Digital Technology program was created in partnership with skilled and talented professionals drawing on their leadership in digital technology. The program was also designed in collaboration with the Interactive Media Technology Project consortium commissioned to update the Student Performance Standards and Curriculum Frameworks for AS/AA degrees throughout Florida. Students enrolled in the program not only receive a well-rounded general education with an emphasis on originality and creativity, but also acquire the specific skills essential to working in today's digital media industry and the future. Graduates from this program will be able to start careers in digital media production, digital video, instructional integration, interactive and educational media production and other areas utilizing digital media technology. Each graduate will be required to create an industry standard digital portfolio that meets the approval of staff and advisory committee member(s). The program is open to all students who show an interest in digital media and who complete the general college admission procedures.

GENERAL EDUCATION (19 credits)			
ENC	1101	Composition I	3
SPC	1600	Introduction to Speech **OR** (SPC 1600H, 016 or 1060)	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college level course with an MAC, MGF, MTG or STA prefix	3
SYG	2000	Introductory Sociology **OR**	3
PSY	1012	General Psychology **OR**	(3)
ECO	2013	Principles of Macroeconomics **OR**	(3)
POS	2041	American National Government	(3)
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649)	3
CTS	1101	Basic Computer and Information Literacy	1
MAJOR COURSES (30 credits)			
CGS	1000	Introduction to Computers & Programming	3
CGS	2525	Introduction to Multimedia	2
CGS	2871	Desktop Audio/Video Design	3
COP	1822	Introduction to Web Page Creation	1
COP	1826	Web Graphics Design I	3
COP	2823	Advanced Web Page Creation	3
COP	2840	Scripting for Browsers	2
GRA	2148	Digital Media Portfolio	1
GRA	2158	Digital Graphics	3
GRA	2160	Basic Animation	2
GRA	2412	Legal Issues in Media Development	2
GRA	2710	Survey of Digital Video	3
GRA	2732	Media Planning	2
Option A:		**Digital Media Production (DMPRD) (15 credits)**	
COP	1827	Web Graphics Design II	3
GRA	2132	Advanced Multimedia/Digital Media Using Director	3
GRA	2165	Advanced Animation with Macromedia Flash	3
GRA	2727	Streaming Media	3
GRA	2733	Planning & Management of Digital Media Authoring	3
	TOTAL PROGRAM HOURS		**64**

OR

Option B:		**Digital Video Production (DVPRD) (15 credits)**	
GRA	2711	Basic Video Camera	3
GRA	2713	Basic Video Editing	3
GRA	2714	Advanced Videography	3
GRA	2715	Basic Scripting for Video	3
GRA	2727	Streaming Media	3
	TOTAL PROGRAM HOURS		**64**

OR

Option C:		**Digital Media Instructional (DMI) (15 credits)**	
EME	2310	Instructional Media Development	3
EME	2419	Survey of Presentation and Digital Media Tools in Education	3
GRA	2727	Streaming Media	3
GRA	2731	Digital Media in Education	3
GRA	2733	Planning & Management of Digital Media Authoring	3
	TOTAL PROGRAM HOURS		**64**

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EARLY CHILDHOOD EDUCATION (CHDEV-AS)

ASSOCIATE IN SCIENCE DEGREE

Barbara Glowaski, Program Director, (CL) (727) 791-2548
Evelyn Finklea, Program Director, (SPG) (727) 341-4713

This program's curriculum provides a general education as well as courses in the specialized areas of early childhood education. The general college admissions policy applies to all students entering the Early Childhood Education Program. Students who successfully complete the program will earn an Associate in Science degree. They will also be recognized under Florida law and the Department of Children and Families' regulations as having completed a Child Development Associate credential equivalency program. Courses for the C.D.A. educational waiver, the C.D.A. credential and the Director's credential are also offered.

GENERAL EDUCATION COURSES (21 credits)

ENC	1101	Composition I	3
ENC	1102	Composition II	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1600H, 1060 or 1016)	3
Mathematics		[a] One college-level course with a MAC, MGF, MTG or STA prefix	3
MUH	1110	Introduction to Music **OR** any ARH prefix course	3
POS	2041	American National Government	3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631 or 2649)	3
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (12 credits)

BSC	1930	Biological Issues **OR**	3
BSC	2250C	Field Biology of Florida Plants and Animals w/Lab **OR**	(3)
EVS	1001	Introduction to Environmental Science **OR** any AST, ISC or OCE prefix	(3)
DEP	2102	Child Development	3
PSY	1012	General Psychology	3
SYG	2000	Introductory Sociology **OR**	3
SYG	2430	Marriage and Family	(3)

MAJOR COURSES (30 credits)

EEC	1001	Early Childhood Planning and Management	3
EEC	1600	Guiding the Young Child	3
EEC	1601	Observing and Recording Early Childhood Behavior	1
EEC	1603	Early Childhood Development	3
EEC	2300	Developing Cognitive Activities for Young Children	3
EEC	2312	Developing Creative Activities for Young Children	3
EEC	2907	Early Childhood Education Teacher Training	4
EDG	1319	[b] Developmentally Appropriate Practices for Infants and Toddlers **OR**	1
EDG	1319	Developmentally Appropriate Practices for Young Children **OR**	(1)
EDG	1319	Developmentally Appropriate Practices for the Special Child	(1)
EEC/EDG		Elective	3
LAE	2000	Language Arts Development in Young Children	3
LIT	1330	Literature for Early Childhood	3
		TOTAL PROGRAM HOURS	**63**

a If you take MAT 1033, your degree will be an AAS instead of an AS. Transferability with the AAS degree is not guaranteed.
b Curriculum for this requirement may be satisfied in alternate manner. Any alternative must retain the total credit hours described above as needed for this degree. Please contact program director for details.

COMPUTER-INTEGRATED MANUFACTURING

COMPUTER-INTEGRATED DESIGN (CID-AS)

ASSOCIATE IN SCIENCE DEGREE

(This program is offered only on the St. Petersburg/Gibbs Campus)
(Fully transferable to Technology Management BAS degree at SPC)
Brad Jenkins, Instructor-in-Charge, (727) 341-4378

The program covers advanced manufacturing techniques related to lean manufacturing, six sigma, just-in-time (JIT) and the International Organization for Standardization (ISO) standards. Major aspects of the program also include manufacturing processes and operations through applications in manufacturing, using automated manufacturing techniques, production and inventory systems, CAD/CAM development, forecasting and scheduling, quality control, material requirements planning (MRP) and statistical process control.

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
Humanities/Fine Arts Approved Course			3
SPC	1600	Introduction to Speech Communication	3
Mathematics		One college-level course with a MAC, MGF or MTG prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649 or 1603 and 2621 or 2622)	3
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (9 credits)

EET	1084	Introduction to Electronics	3
PSC	1001C	Physical Science with Lab	3
STA	2023	Elementary Statistics	3

MAJOR COURSES (37 credits)

EGS	2122C	Geometric Dimensioning and Tolerancing	3
ETD	1320C	AutoCAD I	3
ETD	1350C	AutoCAD II	3
ETD	1355C	AutoCAD III	3
ETD	1360C	AutoCAD IV – Advanced Solid Modeling	3
ETD	2359C	Introduction to Solid Works	3
ETI	1421	Manufacturing Processes & Materials I	3
ETI	1482C	Introduction to Integrated Manufacturing	3
ETI	1644	Production and Inventory Control	3
ETI	1700	Industrial Safety	1
ETI	2100	Introduction to Quality Assurance	3
ETI	2411	Topics in Modern Manufacturing I	3
EET	2949	Co-op Work Experience	3

TOTAL PROGRAM HOURS 64

ELECTRONICS ENGINEERING TECHNOLOGY (ELEC-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to a Bachelor's Degree at FAMU, UCF, UWF)
(Fully transferable to Technology Management BAS degree at SPC)
(This program is offered only on the St. Petersburg/Gibbs Campus)
Brad Jenkins, Instructor-in-Charge, (727) 341-4378

The Electronics Engineering Technology Program is fully accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET), Technology Accreditation Commission, 111 Market Place, Suite 1050, Baltimore, MD 21202, telephone (410) 347-7700. The program is designed for those students who seek employment in the field of electronics or who wish to transfer to one of the state universities. Candidates for the Electronics Engineering Technology Degree Program should meet the requirements of the College admissions policy and have a good background in mathematics and science. The graduates of the Electronics Engineering Technology Program are eligible to transfer to universities offering the Bachelor of Engineering Technology degree.

GENERAL EDUCATION COURSES (22 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication	3
Humanities/Fine Arts Approved Course			3
MAC	1105	College Algebra	3
Social & Behavioral Sciences Approved Courses			6
PHY	1048L	Physics Laboratory I	1
PHY	1053	General Physics I	3
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (6 credits)

MAC	1114	Trigonometry	3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649 or 1603 and 2621 or 2622)	3

MAJOR COURSES (40 credits)

CET	1071	Introduction to Telecommunications	3
CET	1114	Digital Fundamentals	3
CET	1114L	Digital Laboratory	1
CET	2123	Microprocessor Fundamentals	3
CET	2123L	Microprocessor Laboratory	1
EET	1015	Direct Current Circuit Analysis	3
EET	1015L	Direct Current Circuit Laboratory	1
EET	1025	Alternating Current Circuit Analysis	3
EET	1025L	Alternating Current Circuit Laboratory	1
EET	1084	Introduction to Electronics	3
EET	1205C	Electronic Instrumentation	1
EET	2140	Solid State Electronics	3
EET	2140L	Solid State Laboratory	1
EET	2155	Linear Integrated Circuits	3
EET	2155L	Linear Circuits Laboratory	1
EET	2324	Electronic Communications	3
ETD	1320C	AutoCAD I	3
EET	2949	Co-op Work Experience	3

TOTAL PROGRAM HOURS 68

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MANUFACTURING TECHNOLOGY (MNTEC-AS)

ASSOCIATE IN SCIENCE DEGREE

(This program is offered only on the St. Petersburg Gibbs Campus)
(Fully transferable to Technology Management BAS degree at SPC)
Brad Jenkins, Instructor-in-Charge, (727) 341-4378

The program curriculum provides the coverage of the advanced manufacturing techniques related to lean manufacturing, six sigma, just in time (JIT) and ISO standards. Major aspects of the program also include manufacturing processes and operations through applications in manufacturing, using automated manufacturing techniques, production and inventory systems, CAD/CAM development, forecasting and scheduling, quality control, MRP and statistical process control.

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
Humanities/Fine Arts Approved Course			3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
Mathematics		One college-level course with a MAC, MGF or MTG prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649 or 1603 and 2621 or 2622)	3
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (12 credits)

EET	1084	Introduction to Electronics	3
ETD	1320C	AutoCAD I	3
PSC	1001C	Physical Science with Lab	3
STA	2023	Elementary Statistics	3

MAJOR COURSES (34 credits)

EGS	2122C	Geometric Dimensioning and Tolerancing	3
ETI	1421	Manufacturing Processes & Materials I	3
ETI	1482C	Introduction to Integrated Manufacturing	3
ETI	1622	Concepts of Lean and Six Sigma	3
ETI	1636	Developing and Coaching Self-Directed Work Teams	3
ETI	1644	Production and Inventory Control	3
ETI	1700	Industrial Safety	1
ETI	2100	Introduction to Quality Assurance	3
ETI	2411	Topics in Modern Manufacturing I	3
ETI	2601	Six Sigma for the Expert	3
ETI	2623	The Lean Enterprise for the Expert	3
EET	2949	Co-op Work Experience	3
		TOTAL PROGRAM HOURS	**64**

QUALITY COMPLIANCE TECHNOLOGY (QUAL-AS)

ASSOCIATE IN SCIENCE DEGREE

(This program is offered only on the St. Petersburg/Gibbs Campus)
(Fully transferable to Technology Management BAS degree at SPC)
Brad Jenkins, Instructor-in-Charge, (727) 341-4378

The Quality Compliance Technology program provides the knowledge and skills required for the advanced quality related positions in the medical, aerospace, electronics, plastics and other manufacturing industries. Coverage includes the study of quality assurance, metrology, quality auditing, dimensioning and tolerancing, inspection and measurement, non-destructive testing methods and clean room technology. The curriculum also provides additional topics in the areas of Lean Manufacturing and Six Sigma.

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060)	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college-level course with a MAC, MGF or MTG prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649 or 1603 and 2621 or 2622)	3
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (9 credits)

ETD	1320	AutoCAD I	3
ETI	1482C	Introduction to Integrated Manufacturing	3
STA	2023	Elementary Statistics	3

MAJOR COURSES (37 credits)

EGS	2122C	Geometric Dimensioning and Tolerancing	3
ETI	1154C	Methods of Inspection and Measurement	3
ETI	1622	Concepts of Lean and Six Sigma	3
ETI	1636	Developing and Coaching Self-Directed Work Teams	3
ETI	1700	Industrial Safety	1
ETI	2100	Introduction to Quality Assurance	3
ETI	2121C	Non-Destructive and Destructive Testing	3
ETI	2151C	Process Metrology	4
ETI	2153	Quality Auditing	3
ETI	2601	Six Sigma for the Expert	3
ETI	2623	The Lean Enterprise for the Expert	3
ETI	2718C	Introduction to Cleanroom Technology	2
EET	2949	Co-op Work Experience	3
		TOTAL PROGRAM HOURS	**64**

TELECOMMUNICATIONS ENGINEERING TECHNOLOGY (TELEC-AS)

ASSOCIATE IN SCIENCE DEGREE

(This program is offered only on the St. Petersburg/Gibbs Campus)
(Fully transferable to Technology Management BAS degree at SPC)
Brad Jenkins, Instructor-in-Charge, (727) 341-4378

The Telecommunications Engineering Technology Program meets the needs of the industries involved in the telecommunications phases of computer networking, systems, and operations. The program curriculum provides the student with the necessary systems and applications support needed to be telecommunications specialists and network managers. The program emphasizes local area networks, integrated networks, Open Systems Interconnection (OSI), T-1 system design, TCP/IP, ATM, SONET, fiber distributed data interface (FDDI) and network management.

GENERAL EDUCATION COURSES (17 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060)	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college-level course with a MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1603	Applied Ethics **OR** (PHI 1600, 1602H, 1631 or 2649)	2
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (8 credits)

CET	1114	Digital Fundamentals	3
CET	1114L	Digital Lab	1
EET	1084	Introduction to Electronics	3
EET	1205C	Electronic Instrumentation	1

MAJOR COURSES (39 credits)

(BOLD courses complete the INST-CT)
(Italicize courses complete the WAN-CT)

CET	***1071***	***Introduction to Telecommunications***	***3***
CET	**1480**	**Introduction to Open Systems**	3
CET	**1486**	**Introduction to LANs**	3
CET	***2489***	***Basics of Integrated Networks***	***3***
CET	**2540**	**Open Systems Architecture I-TCP/IP**	3
CET	*2541*	*Open Systems Architecture II-ATM*	*3*
CET	2751	Network Management	3
CET	*2753*	*Design of the T-1 Systems*	*3*
CET	**2755**	**Bridges, Routers, and Gateways**	3
CET	2932	Advanced Topics in Telecommunications	3
EET	2323	Wireless Systems	3
EET	2949	Co-op Work Experience	3
ETI	1688C	Network Cabling Fundamentals	3
	TOTAL PROGRAM HOURS		**64**

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GRAPHIC DESIGN TECHNOLOGY

PRINT DESIGN (GRAPH-AS) OR MULTIMEDIA DESIGN (MLMD-AS)

ASSOCIATE IN SCIENCE DEGREE

(Courses offered on the Clearwater Campus)

Paul Miehl, Instructor-in-Charge, CL, (727) 791-2642

The Graphic Design Technology Program at St. Petersburg College meets the needs of businesses and organizations for qualified professional artisans who can use the latest equipment and procedures for design implementation. In a rapid paced world where technology and communications are seamless complements, graphic design has expanded from the standard print based media into exciting new avenues of multimedia computer/video presentations and internet web page design. Students enrolled in the program not only receive a well-rounded general education with an emphasis on originality and creativity, but also acquire the specific skills essential to working in today's design industry. Graduates from the Graphic Design Technology program will be able to start careers in advertising agencies, design studios, publishing houses, and other businesses utilizing graphics for display and sales. Many corporations and institutions from banks to hospitals, recording studios to fitness facilities, employ in-house graphic designers to improve their internal communication needs as well as their public promotional materials. The program is open to all students who show an interest in the visual arts and who complete the general college admission procedures.

GENERAL EDUCATION (17 credits)			
ARH	2051	Art History II	3
ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1600H, 1016 or 1060)	3
Mathematics		[a] One college-level course with an MAC, MGF, MTG or STA prefix	3
PHI	1603	Applied Ethics **OR** (PHI 160, 1602H, 1631 or 2649)	2
SYG	2000	Introductory Sociology **OR**	3
PSY	1012	General Psychology **OR**	(3)
ECO	2013	Principles of Macroeconomics **OR**	(3)
POS	2041	American National Government	(3)
Computer/Information Literacy Competency Requirement			
SUPPORT COURSES (3 credits)			
MAR	2321	Advertising	3
MAJOR COURSES (19 credits)			
ARH	1000	Understanding Art **OR**	3
GRA	1330	History of Graphic Design	(3)
ART	1201C	Design I	3
ART	1300C	Drawing I	3
COP	1822	Introduction to Web Page Creation	1
GRA	2151C	Computer Illustration	3
PGY	2401C	Photography I	3
PGY	2801C	Digital Imaging	3
Option A:		**Print Design (GRAPH) (19 credits)**	
ART	2253C	Illustration	3
GRA	1104C	Typography	3
GRA	2100C	Introduction to Computer Graphics	1
GRA	2111C	Graphic Design Seminar	3
GRA	2201C	Digital Publishing	3
GRA	2203C	Pre-Press Production	3
GRA	2333C	Graphics Techniques and Applications	3
		OR	
Option B:		**Multimedia Design (MLMD) (19 credits)**	
CGS	2525	Introduction to Multimedia	2
CGS	2871	Desktop Audio/Video Design	3
GRA	1104C	Typography	3
GRA	2100C	Introduction to Computer Graphics	1
GRA	2130	Techniques/Applications for Multimedia Design	3
GRA	2160	Basic Animation	2
GRA	2146	Multimedia & Interface & Screen Design	2
GRA	2998	Design Seminar: Multimedia Authoring	3
CUMULATIVE CORE REQUIREMENTS (6 credits)			
Prerequisite: Completion of all Support/Major/Option courses:			
GRA	2951C	Professional Practices/Internship	3
GRA	2952C	Graphic Design Portfolio	3
		TOTAL PROGRAM HOURS	**64**

a If you take MAT 1033, your degree will be an AAS instead of an AS.
Transferability is not guaranteed with the AAS degree.

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HOSPITALITY AND TOURISM MANAGEMENT (HMGT-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to a Bachelor's Degree at Florida International University)

Dr. Anya Sebastien, Program Director, (727) 394-6109
Dr. Robert Meyer, Instructor-in-Charge, (727) 394-6165

Students are exposed to a variety of courses in business administration in addition to hotel management courses, which enables them to make appropriate business decisions. This degree can assist students in attaining positions in hotels, cruise ships, resorts and restaurants or transferring to a state university in the same discipline. The general college admissions policy applies to all students entering the Hospitality and Tourism Management program.

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
ENC	1102	Composition II	3
SPC	1016	Business and Professional Speaking **OR** (SPC 1600, 060 or 1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics	[a]	One college-level course with an MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3

PROFESSIONAL CORE COURSES (46 credits)

ACG	2021	Financial Accounting*	3
CGS	1100	Microcomputer Applications	3
FSS	2235C	Introductory Food Production Management	3
GEB	1011	Introduction to Business	3
HFT	1000	Introduction to the Hospitality and Tourism Industry	3
HFT	1210	Supervision in the Hospitality Industry	3
HFT	1300	Housekeeping Operations	3
HFT	1410	Front Office Procedures	3
HFT	1500	Marketing in the Hospitality Industry	3
HFT	1941	Operations & Service Practicum	2
HFT	2265	Food Service Operations	3
HFT	2450	Hospitality Cost Controls	3
HFT	2600	Hospitality Law	3
HFT	2942	Hospitality Internship	3
MNA	1751	Customer Service I	1
MNA	1760	Customer Service II	1
PHI	1631	Studies in Professional Ethics **OR** (PHI 1600, 1602H, 2649 or 1603 and 2621/2622)	3

TOTAL PROGRAM HOURS 64

a If you take MAT 1033, your degree will be an AAS instead of an AS. Transferability is not guaranteed with the AAS degree.
* ACG 2001/2011 may be substituted.

INFORMATION TECHNOLOGY (IT) PROJECT MANAGEMENT (ITPM-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to BAS in Technology Management at SPC)

Paul Harris, Program Director, Telephone 727-341-4462

GENERAL EDUCATION COURSES (21 credits)

ENC	1101	Composition I	3
SPC	1016	Business and Professional Speaking **OR** (SPC 1600, 1600H or 1060)	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college-level course with an MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
CGS	1100	Microcomputer Applications	3

SUPPORT COURSES (21 credits)

ACG	2021	Financial Accounting	3
ACG	2071	Managerial Accounting **OR**	3
FIN	1030	Principles of Finance	(3)
CGS	1000	Introduction to Computers and Programming	3
CGS	1263	Local Area Network Concepts	3
CGS	1560	Microcomputer Operating Systems	3
GEB	1011	Introduction to Business	3
MAN	2340	Human Factors in Supervision	3

MAJOR COURSES (21 credits)

CGS	1103	Project Management Using Software Tools	3
ISM	1311	Foundations of IT Project Management	3
ISM	1484	E-Business for IT Project Managers	3
ISM	1531	Enterprise Resource Planning for IT Managers	3
MAN	1044	Managing Project Quality	3
MAN	1122	Leadership Skills for Project Managers	3
Select 3 credits:			
COP	2823	Advanced Web Page Creation	(3)
CGS	1824	Web Foundations	(3)
OST	1793	Internet Orientation	(1)
COP	1822	Introduction to Web Page Creation	(1)
GRA	2536	Digital Typography	(1)

TOTAL PROGRAM HOURS 63

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INFORMATION TECHNOLOGY (IT) SECURITY (ITSEC-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to BAS in Technology Management at SPC)
Paul Harris, Program Director, (727) 341-3360 - ITSEC

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060)	3
Humanities/Fine Arts Approved Course			3
Mathematics		Any college level course with a MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
Computer/Information Literacy Competency Requirement			

CORE COURSES (26 credits)

CIS	1341	UNIX/Introduction **AND**	1
COP	1344	UNIX Shell Programming **OR (**COP 2340)	1
CET	1171C	Personal Computer Systems Repair I	3
CET	1172C	Personal Computer Systems Repair II	3
CEN	1300	Implementing & Supporting Microsoft Windows XP Professional	3
CEN	1301	Supporting Microsoft Windows 2000 Professional and Server	3
CET	1600	Network Fundamentals (CISCO)	3
CET	1610	Router Technology (CISCO)	3
CET	2615	Advanced Router Technology (CISCO)	3
CET	2620	Project Based Learning (CISCO)	3

MAJOR COURSES (24 credits)

CET	2691	Laws and Legal Aspects of Information Technology Security	3
CIS	1350	Network Defense and Countermeasures	3
CIS	1353	Network Security Auditing, Attacks, and Threat Analysis	3
CIS	1354	Introduction to Network Security Foundations	3
CIS	1355	Security Engineering	3
CIS	1356	Network Security and Firewalls	3
CIS	1358	Operating System Security	3
MNA	1783	Delivering Effective Business Presentations	1
MNA	1784	Time Management for Increased Productivity	1
MNA	1781	Effective Business Communication Skills	1
		TOTAL PROGRAM HOURS	**68**

IT QUALITY ASSURANCE AND SOFTWARE TESTING (ITQAS-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to BAS in Technology Management at SPC
Paul Harris, Program Director, Telephone 727-341-4462

GENERAL EDUCATION COURSES (21 credits)

ENC	1101	Composition I	3
SPC	1016	Business and Professional Speaking **OR** SPC 1600	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college-level course with an MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
CGS	1100	Microcomputer Applications	3

SUPPORT COURSES (24 credits)

ACG	2021	Financial Accounting	3
ACG	2071	[a] Managerial Accounting **OR**	3
FIN	1030	Principles of Finance	(3)
BUL	2241	Business Law I	3
CGS	1000	Introduction to Computers	3
CGS	1560	Microcomputer Operating Systems	3
GEB	1011	Introduction to Business	3
MAN	2340	Human Factors in Supervision	3
OST	2335	Professional Communication Skills	3

MAJOR COURSES (18 credits)

COP	1606	Quality Assurance Software Testing Concepts and Methods	3
COP	1608	Methods of Software System Testing	3
ISM	1322	Software Development Risk Assessment and Management	3
MAN	1551	Introduction to Quality Assurance	3
MAN	1552	Quality Assurance Work Processes & Standards	3
MAN	1553	Improving Quality and Productivity Using Measurement	3
		TOTAL PROGRAM HOURS	**63**

a Students transferring to a four-year institution must take ACG 2071.

LEGAL ASSISTING (LEGAL-AS)

ASSOCIATE IN SCIENCE DEGREE

Dr. Susan Demers, Program Director, (727) 791-2501

The Legal Assisting program is designed to train students for careers as legal assistants (paralegals) in law firms, governmental entities and corporate legal departments. Paralegals work under the supervision of attorneys to provide non-clerical professional support in the delivery of legal services to clients and the community. Paralegals are not licensed to practice law. Graduates are prepared to assist in interview and investigation, legal research, discovery and litigation support and design and development of new procedures. Courses provide for specialization in three areas to be selected from the following: Estate and Guardianship Administration, Corporations, Real Estate, Family Law, Civil Litigation or Criminal Litigation. Legal Specialty courses are offered only at night and not every course is offered every semester. Program is directed from the Clearwater Campus with a majority of the classes held at the Caruth Health Center in Pinellas Park.

Students entering the program are encouraged to attend a special orientation held each session for new and interested students. Computer skills are essential for employability and should be acquired early in the program.

GENERAL EDUCATION COURSES (21 credits)

ENC	1101	Composition I	3
ENC	1102	Composition II	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1600H, 1016 or 1060)	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college-level course with a MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics **OR** (PHI 1600, 1602H or 2649)	3
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (3 credits)

ACG	2021	Financial Accounting	3

MAJOR COURSES (40 credits)

BUL	2241	Business Law I	3
PLA	1003	Introduction to Legal Assistantship	3
PLA	1104	Legal Research and Writing	3
PLA	1361	Techniques of Interview and Investigation	3
PLA	1730	Computerized Legal Research	1
PLA	1763	Law Office Management	3
PLA	2114	Advanced Legal Research	3
PLA	2940	Legal Assisting Seminar and Work Experience	3

SPECIALTY AREA ELECTIVES– Select 3 areas 6, 6, 6

Area I: ESTATE AND GUARDIANSHIP – 6 credits

PLA 2601 – 2602 Probate and Estate Planning I, II

Area II: CORPORATE – 6 credits

BUL 2242 Business Law II

PLA 2433 Corporations

Area III: REAL ESTATE – 6 credits

REE 1040 Real Estate Principles and License Law

PLA 2610 Real Estate Transactions

Area IV: CIVIL LITIGATION – 6 credits

PLA 2203-2223 Civil Litigation I, II

Area V: CRIMINAL LITIGATION – 6 credits

PLA 2303-2323 Criminal Litigation I, II

Area VI: FAMILY LAW – 6 credits

PLA 2800-2801 Family Law I, II

TOTAL PROGRAM HOURS 68

SIGN LANGUAGE INTERPRETATION (INTRP-AS)

ASSOCIATE IN SCIENCE DEGREE

Harriett Clark, Program Director, (727) 791-2628 (V/TTY)
Sammie Elser, Instructor-in-Charge, (727) 791-2759 (V/TTY)

The Sign Language Interpretation Program is designed to provide students with sign language skills, an understanding of deaf culture, knowledge of the interpreter's role and skill development to prepare students for the profession of sign language interpreting. Professional interpreters provide a link between deaf and hearing individuals in a variety of situations, including educational, religious, medical and mental health settings. The passing of the Americans with Disabilities Act (ADA) has created an increase in part-time and full-time positions available for credentialed interpreters who have initiative and ability.

Students who successfully complete the program in interpreter training at St. Petersburg College will earn an Associate in Science degree. Graduates are encouraged to take the Florida Registry of Interpreters for the Deaf Quality Assurance Screening for state qualification to obtain credentials necessary for employment. SPC is also an RID approved site for the national Certification Maintenance Program for certified interpreters to receive continuing education units.

In addition, the well-established Program for the Deaf, based at the Clearwater Campus, offers opportunities for student trainees to experience deaf culture and a wide variety of sign language styles.

This program has been developed with guidelines from the following agencies: 1) Registry of Interpreters for the Deaf, 333 Commerce Street, Alexandria, Virginia 22314, telephone (703) 838-0030; www.rid.org ; 2) National Association of the Deaf, American Sign Language Teachers' Association, 814 Thayer Avenue, Silver Spring, Maryland 20910-4500, (TTY) 301-587-1789; 3) Conference of Interpreter Trainers.

GENERAL EDUCATION COURSES (21 credits)

ENC	1101	Composition I	3
ENC	1102	Composition II	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1600H, 1016, 1060)	3
Humanities/Fine Arts Approved Course			3
Mathematics		[a] One college-level course with a MAC, MGF, MTG or STA prefix	3
POS	2041	American National Government	3
PHI	1603	Applied Ethics	2
CTS	1101	Basic Computer and Information Literacy	1

SUPPORT COURSES (20 credits) – A grade of "C" or better is required

EHD	1000	Introduction to Deaf Culture	3
PSY	1012	General Psychology **OR**	3
SYG	2000	Introductory to Sociology	(3)
SPA	1612	Basic American Sign Language	3
SPA	1612L	Basic American Sign Language Laboratory	1
SPA	1613	Intermediate American Sign Language	3
SPA	1613L	Intermediate American Sign Language Lab	1
SPA	1614	Advanced American Sign Language	3
SPA	1614L	Advanced American Sign Language Lab	1
SPA	1626	Fingerspelling	2

MAJOR COURSES (31 credits) – A grade of "C" or better is required

EHD	1400	Fundamentals of Interpreting	2
EHD	1400L	Fundamentals Lab	2
EHD	1401	Interpreting Specialized Topics	3
EHD	1402	Issues of Educational Interpreting	2
EHD	1403	Interactive Interpreting	2
EHD	1404	Interpreting/Transliterating	4
EHD	1406	Voicing I	3
EHD	1407	Voicing II	3
EHD	1941	Interpreting Practicum	3
EHD	1942	Interpreting Internship	4
SPA	1617	Structure of American Sign Language	3

TOTAL PROGRAM HOURS 72

a If you take MAT 1033, your degree will be an AAS instead of an AS. Transferability cannot be guaranteed with the AAS degree,

NOTE: Interpreting courses must be completed in a specific order. Not all courses are offered every semester.

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EMERGENCY ADMINISTRATION AND MANAGEMENT (EAM-AS)

ASSOCIATE IN SCIENCE DEGREE

Roger Melchior, Program Director, Telephone (727) 341-4479

The Field of Emergency Management

The magnitude of floods, fires, hurricanes, terrorist bombings and other major disasters in recent years has raised society's awareness of the importance of Emergency Management. Rapid growth and increasing complexity of the field have created a need for new educational models and degree options for those in leadership and management roles.

The SPC degree in Emergency Administration and Management

Emergency Administration and Management (EAM) is a comprehensive degree program whose goal is to reduce the vulnerability of the population to disasters through preparation of efficient and effective emergency response and rehabilitation and recovery programs. It integrates the broad focus of policy, planning and administration with the practical, technical and communication aspects of emergency response.

Program participants learn to write emergency plans to meet state and federal guidelines and communicate knowledgeably with expert advisors in a crisis, as well as gain an understanding of problems facing response teams. Students may, if they choose, incorporate more technical components as they design their degree plan.

A degree designed for:

- Risk managers in the private and public sectors as well as those responsible for hazard assessment, OSHA, SARA compliance, and emergency response (including volunteer agencies).
- Emergency professionals who will be relied upon to protect the public in the event of a major emergency. This includes paid and volunteer firefighters, police officers, emergency medical service workers, public works officials and private industrial safety managers.
- Governmental and industrial emergency planners who must prepare for potential emergencies by designing procedures, buying equipment and—in some cases—predicting possible disasters.
- Aspiring emergency professionals seeking a broad-based education in the procedures for coping with daily emergencies and major disasters.
- Emergency professionals who need additional skills to prepare for management opportunities.

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
Humanities/Fine Arts Approved Course			3
STA	2023	Elementary Statistics	3
SYG	2000	Introductory Sociology	3
PHI	2649	Applied Ethics in Public Safety Professions	3
Computer/Information Literacy Competency Requirement			

MAJOR COURSES * (42 credits)

FFP	1823	Technical Applications in Emergency Management	3
FFP	1830	Introduction to Hazards	3
FFP	2740	Fire Service Course Delivery	3
FFP	2800	Emergency Management Public Education Programs	3
FFP	2801	Fundamentals of Emergency Management	3
FFP	2820	Emergency Preparedness	3
FFP	2821	Integrated Emergency Management Planning Systems II (IEMS II)	3
FFP	2822	Integrated Emergency Management Planning Systems I (IEMS I)	3
FFP	2831	Hazard Mitigation	3
FFP	2840	Disaster Recovery Operations	3
FFP	2841	Contingency Planning for Business and Industry	3
FFP	2880	Public Policy in Emergency Management	3
FFP	2881	Emergency Management Leadership and Administration	3
SYP	2460	Effects of Disasters on Society	3
		TOTAL PROGRAM HOURS	**60**

* All courses within the major are offered on the Internet and in the classroom.

FIRE SCIENCE TECHNOLOGY (FIRE-AS)

ASSOCIATE IN SCIENCE DEGREE

Roger Melchior, Program Director, (727) 341-4479

The Fire Science Technology Program is designed to prepare the graduate with a scientific understanding of fire hazards and their control with emphasis on effective operating procedures at fires and other emergencies. General education courses are included to prepare the graduate to communicate and work effectively with all levels of society. The general college admission policy applies to all students entering the Fire Science Technology program.

GENERAL EDUCATION (21 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college-level course with a MAC, MGF, MTG or STA prefix	3
Social/Behavioral Sciences Approved Course			3
PHI	2649	Applied Ethics in Public Safety Professions	3
CGS	1100	Microcomputer Applications	3

SUPPORT COURSES (3 credits)

ENC	2210	Technical Writing	3

MAJOR COURSES (12 credits)

FFP	XXXX	Any approved Fire Science Electives	9
FFP	1109	Fire Department Occupational Safety & Health	3

Option A: Fire Inspector I (24 credits)

FFP	1505	Fire Prevention	3
FFP	1540	Private Fire Protection Systems I	3
FFP	2120	Building Construction for the Fire Service	3
FFP	2510	Fire Codes and Standards	3
FFP	2521	Blueprint Reading and Plans Review	3
FFP	XXXX	Any approved Fire Science electives	9

TOTAL PROGRAM HOURS 60

OR

Option B: Fire Inspector II (24 credits)

FFP	1111	Fire Chemistry	3
FFP	2541	Private Fire Protection Systems II	3
FFP	2610	Fire Cause and Origin Determination	3
FFP	XXXX	Any approved Fire Science electives	12
Select 3 credits from below:			
FFP	2706	Fire Service Public Information Officer	(3)
FFP	2800	Emergency Management Public Education Programs	(3)

TOTAL PROGRAM HOURS 60

OR

Option C: Fire Officer I (24 credits)

FFP	1505	Fire Prevention	3
FFP	1540	Private Fire Protection Systems I	3
FFP	1780	Company Officer	3
FFP	1824	Basic Incident Management System	1
FFP	1825	Intermediate Incident Management System	1
FFP	1832	Emergency Response to Terrorism: Basic Concepts	1
FFP	2120	Building Construction for the Fire Service	3
FFP	2740	Fire Service Course Delivery	3
FFP	2810	Firefighting Tactics and Strategy I	3
FFP	2811	Firefighting Tactics and Strategy II	3

TOTAL PROGRAM HOURS 60

OR

Option D: Fire Officer II (24 credits)

FFP	1111	Fire Chemistry	3
FFP	2610	Fire Cause and Origin Determination	3
FFP	2670	Legal Issues for Investigators	3
FFP	2706	Fire Service Public Information Officer	3
FFP	2741	Fire Service Course Design	3
FFP	2781	Fire Administration II	3
FFP	2800	Emergency Management Public Education Programs	3
FFP	XXXX	Any approved Fire Science Elective	3

TOTAL PROGRAM HOURS 60

OR

Option E: Fire Investigator I (24 credits)

FFP	1111	Fire Chemistry	3
FFP	1540	Private Fire Protection Systems I	3
FFP	2120	Building Construction for the Fire Service	3
FFP	2610	Fire Cause and Origin Determination	3
FFP	XXXX	Any approved Fire Science Electives	12

TOTAL PROGRAM HOURS 60

OR

Option F: Fire Investigator II (24 credits)

FFP	2604	Arson Investigation	3
FFP	2606	Post Blast Investigations	3
FFP	2630	Latent Investigations	3
FFP	2670	Legal Issues for Investigators	3
FFP	XXXX	Any approved Fire Science Electives	12

TOTAL PROGRAM HOURS 60

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SOUTHEASTERN PUBLIC SAFETY INSTITUTE

James C. Brock, Director

The College's Criminal Justice Department offers both credit and noncredit educational courses through a number of programs located at the Allstate Center, 3200 34th St. S., St. Petersburg.

CREDIT PROGRAMS: The academic programs housed within the Criminal Justice Department consist of the following: the Associate in Arts Degree in Criminal Justice; the Associate in Science in Crime Scene Technology; the Associate in Science in Criminal Justice Technology - Law Enforcement; the Associate in Science in Criminal Justice Technology - Corrections; the Associate in Science in Computer Related Crime Investigations; the Associate in Science in Security Management and Administration; and Certificates in Crime Scene Technology, Basic Law Enforcement, Basic Corrections Officer, Computer Related Crime Investigation and Security Management and Administration. The general education and support courses for these programs are offered at the Clearwater and St. Petersburg/Gibbs Campuses and the Tarpon Springs Center; the technical courses are offered at the Allstate Center.

ACADEMIES: The Criminal Justice Department conducts basic recruit academy programs that lead to certification as law enforcement and corrections officers in the State of Florida and conforms to the requirements of the Florida Criminal Justice Standards and Training Commission.

ELIGIBILITY: Those accepted into these programs can enter in one of three ways: (1) Hired by a state, county, or local law enforcement or corrections agency; (2) Sponsored by a state, county, or local law enforcement or corrections agency; or (3) Self-sponsored after successfully completing the required screening process. Contact our offices for more information at (727) 341-4490.

ADVANCED AND IN-SERVICE TRAINING: The Criminal Justice Department offers approximately 500 advanced training seminars a year for in-service criminal justice personnel. Officers are enrolled by their respective agencies. The courses are primarily noncredit and vary from several hours to three weeks. Criminal Justice Department personnel will provide and assist in the planning of seminars to satisfy particular learning experiences. Additional information may be obtained by calling (727) 341-4500.

CRIME SCENE TECHNOLOGY (CST-AS)

ASSOCIATE IN SCIENCE DEGREE

(This program is administered at the Allstate Center)
Angel L. Rosado, Program Director, (727) 341-4503

The purpose of the Crime Scene Technology AS degree program is to prepare students for employment in the field of criminalistics with a specialty in Crime Scene Technology. The student can serve as, but is not limited to, a Crime Scene Technician, Crime Scene Photographer, Fingerprint Classification Specialist, Crime Lab Assistant, Investigator/Consultant, Juvenile Assessment Worker, Latent Print Examiner/Trainee, Fire Inspector/Investigator, Forensic Science Specialist and Property and Evidence Personnel. Crime Scene Technologists can be employed by Local, State and Federal law enforcement agencies, State Attorneys' Offices, Public Defenders' Offices, Medical Examiners' Offices, law firms and private industry.

The content includes, but is not limited to, a working knowledge of all basic tenets in crime scene technology encompassed in the phases of crime scene search, recording, evidence gathering, packaging of evidence and courtroom testimony. The goal is the proper collection of crime scene evidence according to all legal dictates for presentation in court.

Reinforcement of basic skills in English, mathematics, and science appropriate for the job preparatory program is provided through vocational classroom instruction and applied laboratory procedures and practice.

Laboratory and field experiences are an integral part of this program. Students will participate in mock crime scene exercises, moot court hearings and various lab experiences that involve the processing of evidence.

SPECIAL ADMISSION REQUIREMENTS FOR AS AND CERTIFICATE:

1. Complete SPC application.
2. Take SPC placement test.
3. Attend an advising session with program director or faculty member.

SPECIAL GRADUATION REQUIREMENTS FOR AS AND CERTIFICATE:

1. A grade of "C" or better in all designated specialty courses in this program.
2. Completion of an End-of-Program Assessment Examination.
3. Online students are required to attend a Lab Technique Review Session during their graduating term. A grade of "I" will be assigned to CJT 2113 until the Lab Technique Review is completed.

GENERAL EDUCATION COURSES (22 credits)			
ENC	1101-1102	Composition I, II	3,3
SPC	1016	Business and Professional Speaking **OR** (SPC 1600, 1600H or 1060)	3
Humanities/Fine Arts		Approved Course	3
Mathematics		One college-level course with a MAC,MGF, MTG or STA prefix	3
Social/Beh. Sci.		Select one: AMH 1091 **OR** POS 2041 **OR** POS 2050H **OR** POS 2112 **OR** PSY1012	3
PHI	2649	Applied Ethics in Public Safety Professions **OR** (PHI 1600, 1602, 1631 or 1603)	3
CTS	1101	Basic Computer and Information Literacy	1
SUPPORT COURSES (10 credits)			
BSC	1083	Human Anatomy	3
CCJ	1020	Introduction to Criminal Justice	3
CHM	1025/1025L	Intro to Chemistry and Lab **OR**	3,1
PSC	1001C	Physical Science with Lab	(3)
MAJOR COURSES (28 credits)			
CJT	1110	Introduction to Crime Scene Technology	3
CJT	1111	Advanced Crime Scene Technology	3
CJT	1220	Crime Scene Photography I	3
CJT	1221	Crime Scene Photography II	3
CJT	2112	Crime Scene Safety	2
CJT	2113	* Courtroom Presentation of Scientific Evidence	3
CJT	2141	Introduction to Forensic Science	3
CJT	2240	Fingerprint Classification	3
CJT	2241	* Latent Fingerprint Development	3
CJT	2260	Biological Evidence	2

* Courses CJT 2113 and CJT 2241 should be taken during the student's last semester.

TOTAL PROGRAM HOURS 60

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CMS LAW ENFORCEMENT (CMSLAW-AS)

ASSOCIATE IN SCIENCE DEGREE

(This program is administered at the Allstate Center)
Angel L. Rosado, Program Director, (727) 341-4503

The Criminal Justice Technology Program offers the student a diverse background in the history, philosophy, organization, and operation of the criminal justice system. The emphasis for police is the process of social control, and the legal and philosophical issues associated with policing..

The Criminal Justice Department offers an Associate in Science degree program that allows students to not only graduate with an AS degree, but also become certifiable as a law enforcement officer in compliance with the requirements of the Florida Criminal Justice Standards and Training Commission.

REQUIREMENTS OF THE CRIMINAL JUSTICE TECHNOLOGY PROGRAM

(College Rule 6Hx23-4.63)

I. **Special Admission Requirements**
In addition to admission requirements of St. Petersburg College, admission to the Criminal Justice Technology (Academy Track) Program is limited to students who meet the following criteria:
1. Satisfy the requirements of a Criminal History background check completed by the Police Applicant Screening Service (P.A.S.S.), Telephone (727) 864-3822.
2. Possess a valid driver's license.
3. Show proof of medical insurance coverage prior to taking CJB 2050C, CJB 2040C and CJD 2741 for Corrections and also CJD 2020C for Law Enforcement.

II. **Special Graduation Requirements**
A grade of "C" or better in all designated specialty courses in this program.

CRIMINAL JUSTICE STANDARDS AND TRAINING COMMISSION RULE 11B-30.006(2)(c)

Florida Department Law Enforcement (FDLE) has implemented this rule with the understanding that a student has four (4) years from the date of entering the program to complete the academy course work, successfully pass the state certification examination and successfully gain employment with the agency.

FDLE Rule 11B-30.00006(2)(c) – "Individuals may take the state certification exam if he/she has successfully completed the CMS-Application-Based Law Enforcement Basic Recruit Training Program within four year so beginning the program."

FDLE mandates a grade of "80%" or better in all CJD designated specialty courses in this program.

FDLE Rule 11B-35(7)(b) - A student shall achieve a score of no less than 80 percent on the end-of-course examination to successfully complete each Basic Recruit Training Course, exclusive of the demonstration of high-liability proficiency skills.

ESTIMATED ADDITIONAL FEES:

Uniforms ..... $ 138.80
Defensive Tactics Uniform 22.00
State Exam Application Fee 100.00
Criminal Background Check 50.00
Law Enforcement CJBAT Exam…35.00
Textbooks – contact the Bookstore – (727) 347-0310

ADDITIONAL INFORMATION:

1. Interview with the Program Director is required.
2. *Must have permission of the Program Director before registering for these courses.
3. The Part-time Academy begins every August and graduation from the academy is the end of summer semester. The classes are only offered once per year and you must take 4 courses per semester to complete the program in one year.
4. The Full-time Academy is 8 hours per day, 5 days per week for approximately 21 weeks.

GENERAL EDUCATION COURSES (22 credits)

ENC	1101	Composition, I	3
ENC	1102	Composition II	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics		[a] One college-level course with a MAC, MGF, MTG or STA prefix	3
PSY	1012	General Psychology	3
PHI	2649	Applied Ethics in Public Safety Professions **OR** (PHI 1600, 1602H or 1631)	3
CTS	1101	Basic Computer and Information Literacy	1

OPTION A: CMS LAW ENFORCEMENT TRACK –

PART-TIME – 33 credits

FALL SEMESTER – 11 credits *

CJB	2006	CMS Police Practices and Constitutional Law	4
CJB	1005	CMS Human Services	3
CJB	1015	CMS Communications	3
CJB	1495	Criminal Justice Wellness	1

SPRING SEMESTER – 8 credits *

CJB	2050C	CMS Defensive Tactics in Criminal Justice	2
CJB	2020C	CMS Vehicle Operations	2
CJB	1031C	First Aid for Criminal Justice Officers	2
CJB	2040C	CMS Firearms	2

SUMMER SEMESTER – 14 credits *

CJB	2060	CMS Law Enforcement Patrol Operations	3
CJB	2070	CMS Law Enforcement Investigations	4
CJB	1085	CMS Law Enforcement Traffic	4
CJB	2090	CMS Special Topics in Law Enforcement	3

OR

OPTION B: CMS LAW ENFORCEMENT TRACK –

FULL-TIME – 33 credits *

CJB	1031C	First Aid for Criminal Justice Officers	2
CJB	1015	CMS Communications	3
CJB	1005	CMS Human Services	3
CJB	1495	Criminal Justice Wellness	1
CJB	2040C	CMS Firearms	2
CJB	2020C	CMS Vehicle Operations	2
CJB	2050C	CMS Defensive Tactics in Criminal Justice	2
CJB	2060	CMS Law Enforcement Patrol Operations	3
CJB	1085	CMS Law Enforcement Traffic	4
CJB	2070	CMS Law Enforcement Investigations	4
CJB	2006	CMS Police Practices and Constitutional Law	4
CJB	2090	CMS Special Topics in Law Enforcement	3

Electives for Option A and Option B – 9 credits

Six credits of Electives – see list below ****			**6**
CCJ	2618	Criminal Psychology	3

TOTAL PROGRAM HOURS **64**

****ELECTIVES – must take 2 courses**

CJE	1680	Introduction to Computer Related Crime Investigations	3
CCJ	1020	Introduction to Criminal Justice	3
CCJ	1112	Crime Prevention and Analysis	3
SCC	1801	Introduction to Understanding Terrorism	3
SYG	2000	Introduction to Sociology	3
SYG	2010	Social Problems	3
SYG	2324	Principles of Substance Abuse	3
SYP	2460	Effects of Disasters on Society (Prerequisite: SYG 2000)	3
CCJ	2314	Special Topics in Corrections	2

a If you take MAT 1033, your degree will be an AAS instead of an AS. Transferability cannot be guaranteed with the AAS degree,

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CORRECTIONS (COR-AS)

ASSOCIATE IN SCIENCE DEGREE

(This program is administered at the Allstate Center)
Angel L. Rosado, Program Director, (727) 341-4503

The Criminal Justice Technology Program offers the student a diverse background in the history, philosophy, organization, and operation of the criminal justice system. The emphasis for correctional officers is inmate management, and the legal and philosophical issues associated with corrections.

The Criminal Justice Department offers an Associate in Science degree program that allows students to not only graduate with an AS degree, but also become certifiable as a corrections officer in compliance with the requirements of the Florida Criminal Justice Standards and Training Commission.

REQUIREMENTS OF THE CRIMINAL JUSTICE TECHNOLOGY PROGRAM

(College Rule 6Hx23-4.63)

I. **Special Admission Requirements**
In addition to admission requirements of St. Petersburg College, admission to the Criminal Justice Technology (Academy Track) Program is limited to students who meet the following criteria:
1. Satisfy the requirements of a Criminal History background check completed by the Police Applicant Screening Service (P.A.S.S.), Telephone (727) 864-3822.
2. Possess a valid driver's license.
3. Show proof of medical insurance coverage prior to taking CJB 2050C, CJB 2040C and CJD 2741 for Corrections and also CJD 2020C for Law Enforcement.

II. **Special Graduation Requirements**
A grade of "C" or better in all designated specialty courses in this program.

CRIMINAL JUSTICE STANDARDS AND TRAINING COMMISSION RULE 11B-30.006(2)(c)

Florida Department Law Enforcement (FDLE) has implemented this rule with the understanding that a student has four (4) years from the date of entering the program to complete the academy course work, successfully pass the state certification examination and successfully gain employment with the agency.

FDLE Rule 11B-30.00006(2)(c) – "Individuals may take the state certification exam if he/she has successfully completed the CMS-Application-Based Law Enforcement Basic Recruit Training Program within four year so beginning the program."

FDLE mandates a grade of "80%" or better in all CJD designated specialty courses in this Program.

FDLE Rule 11B-35(7)(b) - A student shall achieve a score of no less than 80 percent on the end-of-course examination to successfully complete each Basic Recruit Training Course, exclusive of the demonstration of high-liability proficiency skills.

ESTIMATED ADDITIONAL FEES:

Uniforms ..... $ 138.80
Defensive Tactics Uniform 22.00
State Exam Application Fee 100.00
Criminal Background Check and CJ BAT Exam
contact the Pinellas County Sheriff's Office, (727) 582-6208
Textbooks – contact the Bookstore – (727) 347-0310

ADDITIONAL INFORMATION:

1. Interview with the Program Director is required.
2. *Must have permission of the Program Director before registering for these courses.
3. The Part-time Corrections Academy only begins in August and graduation is the end of the summer semester.
4. The courses are only offered once per year and students must take 4 courses per semester to complete the program in one year.
5. The Full-time Corrections Academy is 8 hours per day, 5 days per week for approximately 16 weeks.

GENERAL EDUCATION COURSES (22 credits)

ENC	1101	Composition, I	3
ENC	1102	Composition II	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics		[a] One college-level course with a MAC, MGF, MTG or STA prefix	3
PSY	1012	General Psychology	3
PHI	2649	Applied Ethics in Public Safety Professions **OR** (PHI 1600, 1602H or 1631)	3
CTS	1101	Basic Computer and Information Literacy	1

OPTION A: CORRECTIONS – PART-TIME – 29 credits

FALL SEMESTER – 11 credits *

CJD	1700	Criminal Justice Legal 1	3
CJD	1702	Criminal Justice Communications	3
CJD	1703	Criminal Justice Interpersonal Skills	4
CJB	1495	Criminal Justice Wellness	1

SPRING SEMESTER – 10 credits *

CJD	1701	Criminal Justice Legal II	3
CJB	1031C	First Aid for Criminal Justice Officers	2
CJB	2050C	CMS Defensive Tactics in Criminal Justice (Prerequisite Wellness)	2
CJD	2740	Criminal Justice Interpersonal Skills II	3

SUMMER SEMESTER – 7 credits *

CJB	2040C	CMS Firearms	2
CJD	2741	Correctional Emergency Preparedness	1
CJD	2742	Correctional Operations	4

OR

OPTION B: CORRECTIONS – FULL-TIME – 28 credits *

CJB	1031C	First Aid for Criminal Justice Officers	2
CJD	1700	Criminal Justice Legal 1	3
CJD	1701	Criminal Justice Legal II	3
CJD	1702	Criminal Justice Communications	3
CJD	1703	Criminal Justice Interpersonal Skills	4
CJB	2050C	CMS Defensive Tactics in Criminal Justice (Prerequisite Wellness)	2
CJB	2040C	CMS Firearms	2
CJD	2740	Criminal Justice Interpersonal Skills II	3
CJD	2741	Correctional Emergency Preparedness	1
CJD	2742	Correctional Operations	4
CJB	1495	Criminal Justice Wellness	1

Electives for Option A and Option B – 14 credits

**Electives – see list below **			**12**
CCJ	2314	Special Topics in Corrections	2

TOTAL PROGRAM HOURS 64

****ELECTIVES – must choose 4 courses**

CJE	1680	Introduction to Computer Related Crime Investigations	3
CCJ	1020	Introduction to Criminal Justice	3
CCJ	1112	Crime Prevention and Analysis	3
SCC	1801	Introduction to Understanding Terrorism	3
SYG	2000	Introduction to Sociology	3
SYG	2010	Social Problems	3
SYG	2324	Principles of Substance Abuse	3
SYP	2460	Effects of Disasters on Society (Prerequisite: SYG 2000)	3
CCJ	2618	Criminal Psychology	3

a If you take MAT 1033, your degree will be an AAS instead of an AS. Transferability cannot be guaranteed with the AAS degree,

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COMPUTER RELATED CRIME INVESTIGATION (CRCI-AS)

ASSOCIATE IN SCIENCE DEGREE

(This program is administered at the Allstate Center)
Angel L. Rosado, Program Director, (727) 341-4503

The Computer Related Crime Investigation program is a professional training program composed of 63 credits. The program is broken down into 24 credits of core courses, 17 credits of support courses, and 22 credits of general education courses. This program will provide the student with skills in researching, investigating, using computer software, interpreting laws, and using the Internet as an investigative tool. The degree will prepare the student for careers in corporate computer security investigation or similar careers in computer security and law enforcement.

The prerequisites for entry to the curriculum are permission of the Program Director; attend an interview session; and basic computer use skills: editing files, navigating a file system, and browsing the internet. The courses include tasks that will enhance the student's ability to obtain and interpret data from various sources. The student will also be provided with scenarios and case histories to explore and gain experience.

GENERAL EDUCATION COURSES (22 credits)

ENC	1101	Composition, I	3
ENC	1102	Composition II	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics		[a] One college-level course with a MAC, MGF, MTG or STA prefix	3
PSY	1012	General Psychology	3
PHI	2649	Applied Ethics in Public Safety Professions	3
CTS	1101	Basic Computer and Information Literacy	1

SUPPORT COURSES (17 credits)

CCJ	1020	Introduction to Criminal Justice	3
CJE	1677	Tracking Stolen & Counterfeit Art on the Internet	2
CJE	1678	Introduction to Network Security for Computer Related Crime Investigations	3
CJE	1688	Investigation of Criminal Use in Computers	3
CJE	1689	International Computer Crime	3
CJL	2134	Forensic Financial Investigation	3

MAJOR COURSES (24 credits)

CJE	1680	Introduction to Computer Related Crime Investigations	3
CJE	1681	The Internet as an Investigative Tool	3
CJE	1682	Tracking & Profiling Hackers, Pedophiles and Internet Stalkers	3
CJE	1683	Internet Pornography Investigations	3
CJE	1684	Internet Fraud Investigations	3
CJE	1685	Legal Aspects of Computer Related Criminal Investigations	3
CJE	1686	Forensic Computer Related Crime Investigations	3
CJE	1687	Computer Software Piracy & Copyright Infringement	3

TOTAL PROGRAM HOURS 63

[a] If you take MAT 1033, your degree will be an AAS instead of an AS. Transferability with the AAS degree is not guaranteed.

SECURITY MANAGEMENT AND ADMINISTRATION (SMA-AS)

ASSOCIATE IN SCIENCE DEGREE

Angel L. Rosado, Program Director, (727) 341-4503

The Security Management and Administration program is a professional training program comprised of 64 credits. The course in Psychology will provide an understanding of human behavior and group interaction. Students will develop skills in loss prevention, investigation techniques, security and management survey techniques, computer security, workplace violence, business theft, disaster training and development and interview and interrogation development.

The prerequisites for entry to the curriculum are permission of the Program Director and attend and Interview session.

GENERAL EDUCATION COURSES (22 Credits)

ENC	1101	Composition	3
ENC	1102	Composition II **OR** (approved Literature course)	3
Humanities/Fine Arts Approved Course			3
SPC	1016	Business and Professional Speaking **OR** (SPC 1600, 1060 or 1600H)	3
Mathematics		One college-level course with a MAC, MGF, MTG or STA prefix	3
PSY	1012	General Psychology	3
PHI	2649	Ethics in Public Safety	3
CTS	1101	Basic Computer and Information Literacy	1

SUPPORT COURSES (15 Credits)

CJE	1680	Introduction to Computer Related Crime Investigation	3
SCC	1301	Introduction to Security Management	3
SCC	1400	Risk Management	3
SCC	1500	Security Training and Education	3
SCC	1801	Introduction to Understanding Terrorism	3

MAJOR COURSES (27 credits)

CCJ	1112	Crime Prevention and Analysis	3
CJE	1800	Introduction to Security and Loss Prevention	3
CJE	1802	Commercial Security	3
CJL	1104	Criminal Law and Legal Concepts for Security	3
CJL	1405	Constitutional and Security Law	3
CJL	1406	Interview and Interrogation	3
CJL	1407	Introduction to Private Investigations	3
SCC	1020	Problem Solving in Security	3
SCC	1220	Principles of Loss Prevention	3

TOTAL PROGRAM HOURS 64

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HEALTH PROGRAMS

GENERAL INFORMATION

The Health programs at St. Petersburg College have been implemented to meet the ever-changing demand for manpower and mind-power in the expanding health careers. The college prepares some members of the health team at the technical level.

Students are admitted into the Emergency Medical Services, Health Information Management, Physical Therapist Assistant and the Respiratory Care Programs only in August of each year. Students are admitted to the Radiography Program only in January of each year. Medical Laboratory Technology, Nursing, Funeral Services and Veterinary Technology students may be admitted in January and August. Licensed practical nurses applying for a career ladder advanced placement program may be admitted in May to the day program contingent upon student demand, resources and local employment demands. Transitional evening track for practical nurses are admitted in August and January. Dental Hygiene Program students are admitted in May or June of each year. The transitional evening track for Paramedics will generally admit students in August and January. The Paramedic Certificate is offered in August and May.

Specific information about each program is on the following pages.

The Health Programs are subject to Equal Access/Equal Opportunity requirements of both the College and the State of Florida.

Special health courses of these programs generally are offered at the college's Health Education Center, 7200 66th St. N., Pinellas Park, telephone 341-3687.

COMMUNITY FACILITIES FOR LEARNING

Selected learning experiences in one or more of the agencies listed below involve students in these programs as an important phase of the curriculum:

All Children's Hospital
Allied Clinical Laboratory
Bay Pines V.A. Medical Center
Bayfront Medical Center
Bayfront/St. Anthonys' Home Health
Coastal Anesthesia Associates
Community Regional Blood Center
Easter Seal Rehabilitation Center
Edward White Hospital
Everybody's Tabernacle Emergency Relief Shelter
Gulf Coast Hospital and Orthopedic Institute
Florida Blood Services
H. Lee Moffitt Cancer Center
HCA New Port Richey Hospital
Harborside Hospital
Healthsouth Rehab
Helen Ellis Memorial Hospital
Hospice
Hunter Blood Bank
Integrated Health Services of Pinellas Park
Largo Fire Department
Largo Medical Center
Lealman Fire Department
LifeFleet Southeast, Inc.
Mease Hospital and Clinic
Mease Hospital – Countryside
Mease Hospital – Dunedin
Morton Plant Mease Health Care
Northside Hospital
Oak Hill Hospital
Palms of Pasadena Hospital
Pinellas County Health Unit
Pinellas Emergency Mental Health Services
Pinellas Park Fire Department
Quest Diagnostic Clinical Laboratories
Regional Medical Center at Bayonet Point
Safety Harbor Fire Department
St. Anthony's Hospital
St. Joseph's Hospital – Tampa
St. Petersburg Fire Department
St. Petersburg General Hospital
Selected Nursing Homes
Seminole Fire Department
Suncoast Medical Clinic
Sun Coast Hospital
Tampa General Hospital
The Manors
Tarpon Springs Fire Department
University Community Hospital
University of Florida College of Dentistry St. Petersburg
UPARC
VA Hospital, Bay Pines
VA Hospital, Tampa
Vencore (Tampa)
Windmoor Healthcare of Clearwater
Women's Hospital and Medical Center

All of these agencies are within commuting distances of the college. The student must arrange transportation.

COMMUNITY HEALTH AGENCIES COORDINATION

The Florida State Board of Nursing, the Joint Commission on Accreditation of Health Care Organizations and/or the Florida State Board of Health approves all community health agencies utilized as appropriate. The Florida State Board of Examiners of Nursing Home Administrators approves all clinical preceptors.

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HEALTH RELATED PROGRAMS – SPECIAL RULES

(College Rule 6Hx23-4.53)

INTENT AND PURPOSE:

This Health Related Program Rule is applicable to all Health Related Programs including Allied Health, Nursing, Veterinary Technology, and Funeral Services Programs.

I. **Progression Requirements for all Health Related Programs:**

A. Students must be admitted to SPC and in good academic standing prior to enrolling in the first specialty course.

B. Before starting the first specialty course, students must pass the bona fide occupational requirements of the particular health related program. Students who are eligible to start the first specialty course in the program must submit an "Intent to Participate" form to be enrolled in that course.

C. Preference may be given to Pinellas County residents for filling specialty courses. A resident must be a "resident for tuition purposes" as defined in Florida Statutes (hereinafter referred to as F.S.) 240.1201 and must have been a resident of Pinellas County for at least 12 months immediately prior to the student's application to the program. Slots will be available to non-residents; however, residents of the College's service area for each program may be given preference over non-residents for these slots.

D. Should the number of eligible students exceed the positions available, students meeting the progression requirements will be considered on a first-come, first-served basis. To the extent continued funding for health related program permits, students enrolled for the year in which they are eligible may be considered an alternate for that year and will be given preference for entry to the next available class.

E. Preference will be given for up to fifteen (15) percent of the available positions, for students progressing on a program GPA basis. Once the first-come, first-served positions are filled, students whose program GPA is 3.7 or higher will be considered for progression on a program GPA basis. Program GPA is determined by the cumulative GPA of only those courses required for degree completion. After final course grades have been posted for the semester, prior to progression into their first specialty course, these students will be ranked according to their program GPAs and positions filled accordingly, beginning with the highest GPA. If more than one student has the same program GPA, those students' positions will be awarded on a first-come, first-served basis. Should there not be enough students progressing on a program GPA basis to fill these positions, students from the list of alternates, as set forth in I.,D., above will be chosen to progress.

F. For progression into the first specialty course, students with a felony conviction must first have had their civil rights restored. Once civil rights have been restored, the Florida Board of Nursing "Conviction Record Guidelines for Applicants" that were approved by the Board of Nursing on 15 August 2002 are used to determine whether students with felony backgrounds can progress into the major course of study. Only students who would be placed into the "Staff May Clear" category as a "yes" will be allowed to progress. All other students with any felony listed on the "Guidelines" will not be allowed to progress into the first specialty course. For purposes of using the guidelines, violations of county ordinances will be considered the same as violations of municipal ordinances.

G. While enrolled in a SPC health related program, the health care professions are committed to providing excellent patient care and services in a safe, productive and quality-conscious environment. Prior to progression, prospective students will be tested and must pass a drug screening. If the program enrollment occurs 90 days or longer after starting the first specialty course, prospective students will be re-tested and must pass a second drug screening. The drug screening(s) must satisfactorily demonstrate that he/she is free from the use of any illegal drug, unprescribed controlled substance described or named in the law hereinafter referred to as "drug-free". Students must remain drug-free throughout the tenure in their program at the College.*** Failure to do so shall be grounds for dismissal from the program.***

All students enrolled in a health related program are required to be drug and/or alcohol free when reporting to school and while at "affiliating agencies" (including parking lots and grounds). For all "affiliating agencies" which require students to be subject to the agency's Drug Testing policies, including but not limited to, when there is reasonable suspicion to believe a student may be impaired, or is using or has used illegal drugs and/or alcohol, the student may be tested in accordance with the "affiliating agency's" policies. Prior to being assigned to an affiliating agency, the student shall sign a consent to allow the affiliating agency to release any drug testing results to the College. If tested by an "affiliating agency" the student shall provide his/her program director with a copy of any test results. Failure to promptly do so shall be grounds for dismissal from the program. A positive drug or alcohol test result shall also be grounds for dismissal from the program.****

***The provisions in these sentences shall also apply to students already enrolled in a health related program at the time of the effective date of this Rule.

****This paragraph also applies to students already enrolled in a health related program at the time of the effective date of this Rule.

H. A background check fee and drug screening fee(s) are required for each health related program application. Upon request, fee waivers may be approved by the Health Education Center's associate provost or provost to documented economically disadvantaged applicants (AFDC, Pell, Workforce, etc.)

II. **Pathway Program:**

A. Students may progress to those health related programs that have limited availability via the Pathway Program. Up to 15 percent of each limited enrollment program positions may be admitted through this procedure. Students in the Pathway Program must have a minimum 2.0 GPA and need no remediation. Students must meet their selected health program requirements as outlined by individual program Board Rules with the exception of the GPA criteria. At the time of health program enrollment, the GPA must, at minimum, be equivalent to 85 percent of the program's required GPA or a minimum of a 2.0 GPA, whichever is greater. Should there not be enough students progressing on a Pathway basis to fill these positions, students from the list of alternates, as set forth in I., D. above, will be chosen to progress.

B. In an effort to assist disadvantaged and other under represented students to obtain admission to their chosen health field, special criteria will be used for selection of applicants for the Pathway Program. The criteria are:

a. From a low-income family-A federal need analysis or AFDC verification will be submitted for eligibility. Other documentation may be approved by HEC's provost or associate provost.

b. Applicant was reared by a single parent prior to the age of 18.

c. Applicant is among the first in their family to attend college.

d. Consideration of Cultural Diversity.

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e. Preference will be given to Pinellas County residents. A resident must be a "resident for tuition purposes" as defined in F.S. 240.1201 and must have been a resident of Pinellas County for at least 12 months immediately prior to the student's application to the program. Non-residents who live in the College's service area for the program will be considered on a space available basis.

These criteria will be weighted and applicants must meet the minimum weighted requirements.

III. **Liability and clinical accidental insurance** must be obtained through the College for which a special fee will be charged.

IV. **The College reserves the right to suspend** or dismiss from a health related program any student who does not satisfactorily complete each designated specialty course with a grade of "C" or better or who does not exhibit the knowledge, behavior, skills or ethics deemed necessary for the health, safety and welfare of patients.

V. **Students who have been suspended** from or who have voluntarily withdrawn from a health related program may be readmitted to such program in accordance with the program's approved written readmission policy, if any. Cases involving extenuating reasons beyond the control of the student may be appealed to the Health Education Center's Provost's Office.

VI. **For readmission,** a student must successfully demonstrate the appropriate level clinical skills to the program director prior to returning to the clinical setting after absence of 1 semester or more.

VII. **With the exception of the Funeral Services and Human Services Programs,** students who fail any two courses within the major will be academically dismissed from the program for the next session. Upon failure of a third course within the major, the student is again dismissed and will be unable to return to the program. The Provost's Office may consider an appeal due to extenuating circumstances.

VIII. **Students who are admitted to health related programs** must be in good standing with the College, i.e., must not be on academic suspension, probation or dismissal.

IX. **Students must demonstrate** readiness for college-level work in English, Reading and Math prior to progression.

X. **The Board of Trustees** reserves the right to discontinue or decrease the enrollment size of any program and students who have not commenced coursework in a health related program shall have no vested right.

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DENTAL HYGIENE

Tami Grzesikowski, Program Director, (727) 341-3671

This program has been designated the Mary R. Grizzle Dental Hygiene Program. It has been named in honor of State Sen. Mary R. Grizzle in appreciation for her many efforts on behalf of St. Petersburg College. Sen. Grizzle is a three-time winner of the Florida Association of Community Colleges' Outstanding Service Award.

Dental hygienists are licensed preventive oral health professionals, who provide educational, clinical and therapeutic services supporting total health through the promotion of optimal oral health.

Graduates are awarded the Associate in Science degree in Dental Hygiene. After graduation a license is required to enter dental hygiene practice. A Florida dental hygiene license requires passing a National Dental Hygiene Board examination, state clinical examination as well as meeting other eligibility requirements determined by the Florida Board of Dentistry. A licensed dental hygienist is qualified for employment in a variety of settings including private dental offices under the supervision of licensed dentists, industrial or hospital dental facilities, public health departments, and public or private school systems.

ACCREDITATION:

St. Petersburg College's program in Dental Hygiene is accredited by the Commission on Dental Accreditation and has been granted the accreditation status of approval. The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at 312-440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611.

REQUIREMENTS OF THE DENTAL HYGIENE PROGRAM

(College Rule 6Hx23-4.54)

I. **Progression Requirements:**
Students who are eligible to start the first specialty course in the program must submit an "Intent to Participate" form to be enrolled in that course. Students who meet the progression requirements will be placed on a list on a first-come, first-served basis. Students not enrolled for the year in which they are eligible may be listed as an alternate for that year and will be added to the list for the next available class. At the time of enrolling in the first specialty course, students must continue to meet the progression requirements. One class is admitted each year in May.
   A. Minimum requirements for registration into the first specialty course are as follows:
      1. Completion of all college preparatory course work.
      2. A 3.50 grade point average on a 4.00 scale in high school courses which are college preparatory. Chemistry, algebra, geometry and biology are recommended;
         OR
         A 3.00 GPA on a 4.00 scale in a minimum of twelve (12) semester hours in dental hygiene general education and support courses.
      3. Completion of Anatomy and Physiology I and Anatomy and Physiology I Lab.
      4. Completion of sixteen (16) hours of observation, volunteer service or work experience in dentistry. This must be verified by a signed statement from a dentist or dental hygienist.
   B. Each student, prior to beginning DEH 1003L (Dental Hygiene I Clinic), must have initiated the Hepatitis B immunization series. In addition, the student must show evidence of immunity to or inoculation against the hepatitis virus prior to beginning DEH 1800L (Dental Hygiene II Clinic). Said immunization series may be waived when medically contraindicated by a physician in writing and a release is signed by the student.
   C. Students in this program must maintain a valid BLS for Healthcare Providers throughout the program.
   D. All Progression Requirements for Health Related Programs (6Hx23-4.53) apply to the Dental Hygiene program, including Pathway students.
   E. Students transferring from another dental hygiene program must be in good standing in such program and satisfactorily demonstrate program competencies (Exceptions will be handled by the Campus Provost's Office at the Health Education Center).

II. In addition to SPC graduation requirements, students must meet these **special graduation requirements**:
   A. A grade of "C" or better in all designated specialty courses in this program.
   B. Students must satisfactorily complete an end-of-program assessment examination.

ADDITIONAL REQUIREMENTS:

1. All transcripts from high school(s) (or GED) and college(s) currently or previously attended must be submitted to SPC. Students who have completed and submitted an AA or BA degree are not required to submit high school transcripts.
2. Liability and clinical accidental insurance must be obtained through the College for which a special fee will be charged.
3. Program requirements are subject to change. Students should check with a counselor, advisor or program director.

ESTIMATED ADDITIONAL FEES:

FRESHMAN YEAR

Instruments	$1200.00
Immunizations	200.00
Laboratory and Clinic Attire	200.00
Liability/Clinical Accidental Insurance	23.00

SOPHOMORE YEAR

Graduation Fee and Pin	$40.00
Liability /Clinical Accidental Insurance	23.00
National and State Board Examinations	800.00

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DENTAL HYGIENE
(DENHY-AS)
ASSOCIATE IN SCIENCE DEGREE

Program begins every May

Before entering the first semester of the Dental Hygiene "program courses" students must complete a minimum of 12 credits from the general education and/or support courses listed below. The general education and support courses do not have to be taken in the order listed. Candidates will also complete the Intent to Participate form. Please see a counselor or advisor

PRE-ENTRY REQUIREMENT (4 credits)

BSC	1085	Human Anatomy and Physiology I	3
BSC	1085L	Human Anatomy and Physiology Lab	1

GENERAL EDUCATION COURSES (17 credits)

ENC	1101	Composition I	3
Humanities/Fine Arts Approved Course			3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1060,1016 or 1600H)	3
Mathematics		One college-level course with a MAC, MGF, MTG or STA prefix	3
PSY	1012	General Psychology	3
PHI	1603	Applied Ethics **OR** (PHI 1600, 1602H, 1631 or 2649)	2
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (8 credits)

BSC	1086	Human Anatomy and Physiology II	3
BSC	1086L	Human Anatomy and Physiology II Lab	1
MCB	2010	Microbiology	3
MCB	2010L	Microbiology Lab	1

PROGRAM COURSES

1st SUMMER TERM (5 credits)

DEH	1000	Introduction to Dental Hygiene	2
DES	1020	Orafacial Anatomy	2
DES	1020L	Orafacial Anatomy Laboratory	1

1st FALL TERM (11 credits)

DEH	1003	Dental Hygiene I	2
DEH	1003L	Dental Hygiene I Clinic	4
DEH	1130	Oral History and Embryology	2
DES	1200	Dental Radiography	2
DES	1200L	Dental Radiography Laboratory	1

1ST SPRING TERM (14 credits)

DEH	1710	Biological Chemistry and Applied Nutrition	2
DEH	1800	Dental Hygiene II	1
DEH	1800L	Dental Hygiene II Clinic	6
DEH	2602	Periodontics	2
DES	2100	Dental Materials	2
DES	2100L	Dental Materials Laboratory	1

2ND SUMMER TERM (7 credits)

DEH	2300	Dental Pharmacology	2
DEH	2802L	Dental Hygiene III Clinic	5

2ND FALL TERM (12 credits)

DEH	2400	General and Oral Pathology	2
DEH	2701	Community Dental Health	2
DEH	2802	Dental Hygiene III	2
DEH	2804L	Dental Hygiene IV Clinic	6

2ND SPRING TERM (10 credits)

DEH	2702C	Community Dental Health Practicum	1
DEH	2806L	Dental Hygiene V Clinic	7
DEH	2812	Dental Hygiene IV	2
	TOTAL PROGRAM HOURS		**88**
DEH	2930	Dental Hygiene Topics – a review course	2

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EMERGENCY MEDICAL SERVICES

Nerina Stepanovsky, Program Director
(727) 341-3656 or 341-3680

The two-year Associate in Science degree in Emergency Medical Services (EMS) is designed to prepare a student to become a Nationally Registered or State Certified Paramedic who delivers pre-hospital advanced life support care and the transportation necessary for victims of accidents or emergency illness.

Graduates will receive instruction through the American Heart Association, 7272 Greenville Avenue, Dallas, Texas 75231-4596, (214) 373-6300, in Advanced Cardiac Life Support (ACLS) and Pediatric Advanced Life Support (PALS). Students will be certified in Basic Trauma Life Support through the American College of Emergency Physicians (ACEP), P.O. Box 619911, Dallas, Texas 75261-9911, (214) 550-0911. Students are then able to choose one or both of the following: National Registry of EMT-Paramedics, 6610 Bush Blvd., P.O. Box 29233, Columbus, Ohio 43229, (614) 888-4484, or Florida State certified EMT-Paramedic, State of Florida, Department of Health, Bureau of Emergency Medical Services, 4052 Bald Cypress Way, BIN C18, Tallahassee, FL 32399, (850) 245-4440. Both organizations require a written and a practical exam for certification.

ACCREDITATION

The St. Petersburg College Program in Emergency Medical Services ascribes to the National Standard Curriculum of Basic Emergency Medical Technicians and Paramedics as set by the Department of Transportation (D.O.T.) and is certified by the Florida Department of Health Bureau of EMS and accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 515 North State Street, Suite 7530, Chicago, Illinois 60610-4377, (312) 464-4623.

REQUIREMENTS OF THE EMERGENCY MEDICAL SERVICES PROGRAM

(College Rule 6Hx23-4.55)

I. **Progression Requirements:**
Eligibility to start the first specialty course in the program is based upon the following minimum requirements. Students transferring from another EMS program must be in good standing in such program (Exceptions will be handled by the Provost's Office at the Health Education Center).
   A. Requirements for Health Related Programs (6Hx23-4.53) apply to the Emergency Medical Services Program.
   B. Each student must have a physical examination by a licensed physician or advanced nurse practitioner verifying satisfactory health status. This must include all immunizations, tests and health verification as specified within contractual agreements with affiliating agencies. This may be required on an annual basis at the discretion of the program director of the health-related program to which the student has been admitted.
      1. EMT candidates' health verification is due within a time period specified by the EMS department not to exceed two (2) weeks into a specific semester.
      2. Paramedic candidates' health verification is due prior to the conclusion of the College's established drop/add period in the first semester of course work.
      3. Completion of immunization requirement:
         a. Tuberculosis (TB) Mantoux Test – a current test is required every six months. If the skin test is positive, then a yearly chest x-ray is required to document absence of chest disease.
         b. Tetanus Diphtheria – within a 5-year period.
         c. Measles, Mumps, Rubella (MMR) or Rubella Titer – immunization or titer dated 1969 or later.
         d. Varicella Titer – requires immunization if titer does not show immunity.
         e. Hepatitis B – said immunization series may be waived when medically contraindicated by a physician in writing and a release is signed by the student.
         f. Poliomyelitis

II. **Admission to the Emergency Medical Services Applied Technology Diploma (ATD)** program for Emergency Medical Technician (EMT) program is based upon the following minimum requirements:
   A. Completion of I.A. & B.
   B. Valid American Heart Association Healthcare Provider or American Red Cross Professional Rescuer, or American Safety and Health Institute CPR-Pro with AED cardiopulmonary resuscitation (CPR) card.

III. **Admission to the Emergency Medical Services Certificate Program for paramedics** is based upon the following minimum requirements:
   A. Completion of I.A. & B.
   B. Successful completion of BSC 1085 and BSC 1085L (minimum of "C" grade or better).
   C. Emergency Medical Technician (EMT) certification by the Florida Department of Health Bureau of EMS or eligible for the State of Florida EMT certification as outlined in Revised Chapter 64-E2, Florida Administrative Code for enrolled students in the Associate of Science degree program completing EMT competencies. Proof of certification as a Florida certified EMT is required before an EMS student can participate in any paramedic clinicals. Failure to obtain state of Florida EMT certification by the end of the second week of the initial paramedic session, as defined by the current year's catalog, will be cause for withdrawal from the program for that session. Students may reapply for subsequent sessions after meeting this requirement.
   D. EMT clinical experience requirement:
      1. Minimum of six months experience as an EMT in the pre-hospital emergency medical environment, or
      2. Minimum of 140 hours documented clinical and pre-hospital emergency medical experience during an EMT's volunteer or employment history or
      3. Minimum of 140 hours documented clinical and pre-hospital emergency medical experience during initial EMT education.
   E. Satisfactory completion of a basic EMT written and practical competency examination.
   F. Students with a current Florida paramedic certification seeking the Emergency Medical Services Associate's Degree will be considered for admission on a case-by-case basis based on the following criteria:
      1. Completion of I.A and I.B.
      2. Current Florida paramedic certification including current CPR card and ACLS certification. Students not possessing a current Basic Trauma Life Support Card-Advanced Provider and a current Pediatric Life Support Card will be required to complete these classes through the EMS Open Campus program before enrolling in EMS 2931.
      3. Minimum of six months experience as a paramedic in the pre-hospital emergency medical environment.
      4. Graduation from an EMS program accredited by the Committee on Accreditation of Emergency Medical Services Programs through CAAHEP.
      5. Successful completion of BSC 1086 and 1086L.
      6. Successful completion of EMS 2931 (capstone course).
      7. Student must meet residency rules for graduation from St. Petersburg College.

IV. **Special Progress Requirements**:
   A. Progress meetings with program staff or program director as required.

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B. Applied Technology Diploma:
   1. Emergency Medical Technician (EMT)
      a. Maintain a minimum "C" grade on all corequisites and courses in the major in the EMT program for state and national certification eligibility.

C. Certificate Programs:
   1. Paramedic
      a. Maintain a minimum "C" grade on all corequisites and courses in the paramedic program for state and national certification eligibility.
      b. All paramedic candidates must obtain the State of Florida EMT certification before the beginning of the second week in the paramedic program and maintain the EMT certification throughout the paramedic program.

ADDITIONAL REQUIREMENTS:

1. **Prior to acceptance and enrollment into this program, applicants must pass a background check and drug screening (see Special Application and Admission Requirements for Health Related Programs).**
2. Liability and clinical accidental insurance must be obtained through the College for which a special fee will be charged.
3. Program requirements are subject to change. Students should check with a counselor, advisor or the program director.

EMERGENCY MEDICAL SERVICES FEES (Lab and Liability):

EMS 1119L	Fundamentals of Emergency Medical Care Lab	$81.00
EMS 1411	Fundamentals of Emergency Care Clinical Experience	28.00
EMS 1421	EMT Field Internship	131.00
EMS 2331	Emergency Care In-Flight	28.00
EMS 2601L	Paramedic Lab I	103.00
EMS 2602L	Paramedic Lab II	103.00
EMS 2659	Paramedic Field Internship	182.00
EMS 2664	Paramedic Clinical I	28.00
EMS 2665	Paramedic Clinical II	28.00
Certification Fee:		
EMS 1119L	Fundamentals of Emergency Medical Care Lab	$19.00

EMERGENCY MEDICAL SERVICES (EMS-AS)

ASSOCIATE IN SCIENCE DEGREE

The general education and support courses do not have to be taken in the order as listed. Candidates will also complete the Intent to Participate form. Please see a counselor or advisor.

GENERAL EDUCATION COURSES (17 credits)

ENC	1101	Composition I	3
Speech		One college-level Speech course (SPC 1016, 1060, 1600 or 1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college-level course with an MAC, MGF, MTG or STA prefix	3
PSY	1012	General Psychology	3
PHI	1603	Applied Ethics (PHI 1600, 1602H, 1631 or 2649)	2
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (12 credits)

BSC	1085-1085L	[a] Human Anatomy & Physiology I	3, 1
BSC	1086-1086L	[a] Human Anatomy & Physiology II	3, 1
DEP	2004	Developmental Psychology of the Life Span	3
HSC	1149C	General Pharmacology for Health Professionals	1

PROGRAM COURSES

1st SEMESTER IN PROGRAM (11 credits)

EMS	1119	Fundamentals of Emergency Medical Care	4
EMS	1119L	Fundamentals of EMC Laboratory	2
EMS	1411	Fundamentals of EMC Clinical Experience	2
EMS	1421	EMT Field Internship	3

2nd SEMESTER IN PROGRAM (11 credits)

EMS	2601	Paramedic Theory I	5
EMS	2601L	Paramedic Laboratory I	3
EMS	2664	Paramedic Clinical I	3

3rd SEMESTER IN PROGRAM (15 credits)

EMS	2602	Paramedic Theory II	8
EMS	2602L	Paramedic Laboratory II	4
EMS	2665	Paramedic Clinical II	3

4th SEMESTER IN PROGRAM (7 credits)

EMS	2659	Paramedic Field Internship	7

TOTAL PROGRAM HOURS 73

a These courses are prerequisites or corequisites with EMS 2601 and EMS 2601L and must be taken before any EMS 2000 level course.

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FUNERAL SERVICES

Kevin Davis, Program Director, (727) 341-3781

The Funeral Services program is designed to prepare students for the position of funeral director and embalmer. The curriculum is divided into preprofessional and professional courses, which have been designed to balance the course of study in four semesters of classroom, laboratory and clinical work, plus one semester of professional practicum. Students who have completed all general education and support course work with a grade of "C" or better may be able to complete the program in a minimum of twelve (12) months. Graduates of the program are awarded the Associate in Science degree in Funeral Services.

The Florida licensure process requires passing the National Board Examination (a written comprehensive examination), serving one year internship under the direction of a licensed funeral director and embalmer and passing a Florida examination on rules and regulations.

Licensing and qualification requirements may vary from state to state.

ACCREDITATION:

The Funeral Services program is accredited by the American Board of Funeral Service Education, 38 Florida Avenue, Portland, Maine 04103, (207) 878-6530.

REQUIREMENTS OF THE FUNERAL SERVICES PROGRAM
(College Rule 6Hx23-4.71)

I. **Progression Requirements:**
Eligibility to start the first specialty course in the program is based upon the following minimum requirements:
   A. Requirements for Health Related Programs (6Hx23-4.53) apply to the Funeral Services Program.
   B. Funeral Services students are required to make individual arrangements for receiving the Hepatitis B Vaccine prior to beginning in the first specialty course in Funeral Services. Students must provide a record of vaccination and/or proof of positive antibody status. Prior to the first laboratory class, documentation of at least the first injection of the series must be submitted to the Program Director. Said immunization series may be waived when medically contraindicated by a physician in writing and a release is signed by the student.
   C. Students transferring from another funeral services or other health related program must be in good standing in such program (Exceptions will be handled by the Provost's Office at the Health Education Center).

II. **Special Graduation Requirements**
   A. A grade of "C" or better in all FSE courses.
   B. Students in this program must possess a valid basic rescuer (CPR) certificate prior to graduation.
   C. Students must satisfactorily complete an end-of-the-program competency assessment examination.

ADDITIONAL REQUIREMENTS:

1. **Prior to acceptance and enrollment into this program, applicants must pass a background check and drug screening (see Special Application and Admission Requirements for Health Related Programs).**
2. Liability and clinical accidental insurance must be obtained through the College for which a special fee will be charged.
3. Program requirements are subject to change. Students should check with a counselor, advisor or the program director.

GOALS AND OBJECTIVES:

1. Expand students' knowledge of the profession.
2. Educate students about every phase of funeral services, and help them become competent in each phase.
3. Teach students about responsibilities of funeral services in relation to the community.
4. Emphasize high standards of professional and ethical conduct and behavior.
5. Provide a course of study attuned to the ever-changing needs and theories of funeral services.
6. Encourage continuing education and research in the funeral services profession.
7. Serve as liaison to funeral services practitioners and to the community at large.

ESTIMATED ADDITIONAL FEES:

Liability/Clinical Accidental Insurance		$23.00
FSE 2101L	Embalming Clinical I	108.00
FSE 2120L	Restorative Art Lab	60.00
FSE 2141L	Embalming Clinical II	85.00
FSE 2946	Professional Practicum	40.00

FUNERAL SERVICES (FUNSE-AS)

ASSOCIATE IN SCIENCE DEGREE

Program begins in August and January

Before entering the first semester of the Funeral Services "program courses" students are encouraged to begin general education courses and must complete the pre-entry requirements. General education and support courses do not have to be completed in the order listed. Candidates will also complete the Intent to Participate form. Please see a counselor or advisor.

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
Humanities/Fine Arts Approved Course			3
Social and Behavioral Sciences Approved Course			3
Mathematics		[a] One college-level course with an MAC, MGF, MTG or STA prefix	3
PHI	1603	Applied Ethics **OR** (PHI 1600, 1602H, 1631 or 2649)	2
CTS	1101	Basic Computer and Information Literacy	1

SUPPORT COURSES (11 credits)

ACG	2001	Applied Financial Accounting I **OR**	3
ACG	2021	Financial Accounting	(3)
BSC	1083	Human Anatomy	3
BUL	2241	Business Law	3
HSC	1524	Introduction to Infectious Diseases	2

PROGRAM COURSES

1st SEMESTER IN PROGRAM (13 credits)

FSE	1000	Introduction to Funeral Services	3
FSE	1204	Funeral Service Computer Applications	1
FSE	2061	Thanatology	3
FSE	2202	Funeral Home Management	3
FSE	2060	Funeral Directing	3

2nd SEMESTER IN PROGRAM (12 credits)

FSE	1105	Thanatochemistry	2
FSE	2080	Funeral Law	3
FSE	2100	Embalming I	3
FSE	2101L	Embalming Clinical I	1
FSE	2201	Funeral Home Management Operations	3

3rd SEMESTER IN PROGRAM (12 credits)

FSE	2120	Restorative Art	3
FSE	2120L	Restorative Art Lab	1
FSE	2140	Embalming II	3
FSE	2141L	Embalming Clinical II	1
FSE	2160	Funeral Pathology	3
FSE	2930	Funeral Services Professional Review	1

4th SEMESTER IN PROGRAM (6 credits)

FSE	2946	Professional Practicum	6
		TOTAL PROGRAM HOURS	**72**

a If you take MAT 1033, your degree will be an AAS instead of an A.S. Transferability cannot be guaranteed with the AAS degree,
b All courses must be completed prior to FSE 2946.

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HEALTH INFORMATION MANAGEMENT

Angela Picard, Program Director, (727) 341-3623

The Health Information Management program is designed to provide a student with the computer and technical skills necessary to prepare, analyze and maintain health information required by the patient, health facility and the public. Special emphasis is given to the management of computerized health information. Application of didactic instruction is applied in the classroom laboratory and is provided through professional practice experience in local health care facilities. Upon completion of the program, the student will be awarded an Associate in Science degree in Health Information Management. After successful completion of the degree, the student is eligible to apply to take the national examination for the credential of Registered Health Information Technician (RHIT). The RHIT examination is administered by the American Health Information Management Association (AHIMA).

ACCREDITATION:

The Health Information Management Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) in cooperation with the Council on Accreditation of the American Health Information Management Association (AHIMA), 233 North Michigan Avenue, Suite 2150, Chicago, Illinois 60601-5519, (312) 233-1100.

REQUIREMENTS OF THE HEALTH INFORMATION MANAGEMENT PROGRAM

(College Rule 6Hx23-4.70)

I. **Progression Requirements:**
Eligibility to start the first specialty course in the Health Information Management (HIM) associate in science program is based upon the following minimum requirements.
   A. Requirements for health related programs (6Hx23-4.53) apply to the Health Information Management program.
   B. Within six months prior to enrolling in the first specialty course each student must have a physical examination by a licensed physician or advanced RN practitioner verifying satisfactory health status. This must include all immunizations, tests and health verification as specified within contractual agreements with affiliating agencies. This may be required on an annual basis at the discretion of the program director of the health related program to which the student has been admitted.
   C. Students transferring from another health information management or other health related program must be in good standing in such program (Exceptions will be handled by the Provost's Office at the Health Education Center).
   D. Completion of:
      1. HSC 1531 Medical Terminology and BSC 1083 Human Anatomy or BSC 1085/1085L Anatomy & Physiology I with Lab and BSC 1086/1086L Anatomy & Physiology II with Lab with a grade of "C" or better.
      2. A minimum of 12 semester hours of Health Information Management general education and support courses.

II. **Special Progress Requirements:**
   A. In order to enroll in any program course with a prerequisite, a grade of "C" or better must have been earned in the prerequisite(s) to said course.

III. In addition to SPC graduation requirements, students must meet these **special graduation requirements:**
   A. A grade of "C" or better in all H.I.M. courses and in all support courses.
   B. Students must satisfactorily complete an end-of-the program competency assessment examination

ADDITIONAL REQUIREMENTS:

1. **Prior to acceptance and enrollment into this program, applicants must pass a background check and drug screening (see Special Application and Admission Requirements for Health Related Programs).**
2. Liability and clinical accidental insurance must be obtained through the College for which a special fee will be charged.
3. Program requirements are subject to change. Students should check with a counselor, advisor or the program director.

ESTIMATED ADDITIONAL FEES AND EXPENSES:

Liability and clinical accident coverage insurance:

HIM	1000	Introduction to Health Information Management	$23.00
HIM	2200	Organization and Supervision	23.00

Laboratory Fees:

HIM	1000	Introduction to Health Information Management	30.00
HIM	1031C	Medical Transcription I	30.00
HIM	1110	Classification Systems, Indexes & Registries	24.00
HIM	1211	Health Information Technologies	27.00
HIM	1282	Medical Billing	24.00
HIM	1800	Professional Practice Experience I	27.00
HIM	2032C	Medical Transcription II	24.00
HIM	2033C	Medical Transcription III	24.00
HIM	2035C	Medical Transcription IV	24.00
HIM	2200	Organization and Supervision	24.00
HIM	2222	Basic ICD Coding	16.00
HIM	2234	Advanced Coding & Reimbursement	41.00
HIM	2253	CPT Coding	41.00
HIM	2510	Quality & Performance Improvement	24.00

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HEALTH INFORMATION MANAGEMENT (HIM-AS)

ASSOCIATE IN SCIENCE DEGREE

Before entering the first semester of the Health Information Management "program courses" students must complete a minimum of 12 credits, which must include HSC 1531 and BSC 1083, from the general education and/or support courses listed below. General education and support courses do not have to be completed in the order listed. Candidates will also complete the Intent to Participate form. Please see a counselor or advisor.

(Courses in BOLD apply to Medical Coder Certificate)

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016 or 1060)	3
Humanities/Fine Arts Approved Course			3
Mathematics		[a] One college level course with a MAC, MGF, MTG or STA prefix	3
PHI	1631	Studies in Professional Ethics **OR** (PHI 1600, 1602, 1631 or 2649)	3
Social/Behavioral Sciences – POS, PSY or SYG prefix			3
CTS	**1101**	**Basic Computer and Information Literacy**	**1**

SUPPORT COURSES (7 credits)

BSC	**1083**	**Human Anatomy (Lab is not required)**	**3**
HSC	**1149C**	**General Pharmacology for Health Professionals**	**1**
HSC	**1531**	**Medical Terminology**	**2**

PROGRAM COURSES

1st SEMESTER IN PROGRAM (12 credits)

HIM	**1000**	**Introduction to Health Information Management**	**3**
HIM	2012	Health Law Concepts and Practices	3
HIM	**2222**	**Basic ICD Coding**	**3**
HSA	**1100**	**Healthcare Delivery Systems**	**3**

2nd SEMESTER IN PROGRAM (10 credits)

HIM	1110	Classification Systems, Indexes, and Registries	3
HIM	**1430**	**Principles of Disease**	**3**
HIM	2214	Healthcare Statistics	1
HIM	**2234**	**Advanced Coding and Reimbursement**	**3**

3rd SEMESTER IN PROGRAM (4 credits)

HIM	**1211**	**Health Information Technologies**	**2**
HIM	**1800**	**Professional Practice Experience I**	**2**

4th SEMESTER IN PROGRAM (8 credits)

HIM	**2253**	**CPT Coding**	**3**
HIM	2200	Organization and Supervision	3
HIM	2810	Professional Practice Experience II	2

5th SEMESTER IN PROGRAM (8 credits)

HIM	**2283**	**Advanced CPT Coding and Reimbursement**	**3**
HIM	2510	Quality and Performance Improvement	3
HIM	**2820**	**Professional Practice Experience III**	**2**

TOTAL PROGRAM HOURS 67

a Students planning to transfer to a 4-year college should take BSC 1085/1085L, 1086/1086L and MAC 1105 or higher.

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HUMAN SERVICES

SOCIAL SERVICES (HSDIS-AS) OR ALCOHOL/SUBSTANCE ABUSE (HSM-AS)

ASSOCIATE IN SCIENCE DEGREE

Joan Bliss, Instructor-in-Charge, (727) 341-3736

The Human Services program is designed to assist students in preparing for dramatic changes in the profession as the focus moves from institutionalized rehabilitative services to developmental community-based services. Changes in the focus and locus of services have also created more decentralized work sites. Increasingly, people who need short-term assistance or long-term care are living and receiving assistance in their local communities. Students are prepared to make independent decisions, solve problems, and create partnerships, empower participants, and to understand, accept, and effectively serve persons with diverse backgrounds. Graduates of the programs are employed as: youth development advocates, child protective care workers, counselors, early intervention workers, family support workers, outreach workers, residential counselors, vocational counselors, shelter workers, and substance abuse counselors.

Both the Associate in Science (AS) and Associate in Arts (AA) degrees are offered. The AS degree is designed for students who wish to enter the profession with an associate degree or para-professionals currently working in the field who desire upward mobility. The AA degree is geared toward those students whose goals are to complete the bachelor's degree. The program allows the student to enter the profession on a part-time or full-time basis while continuing to pursue the bachelor's degree. Generally, at the senior institution, AA graduates major in Counseling, Social Work, Special Education, Sociology and other related fields.

Human Services courses are offered at the Health Education Center to provide a central location for students. Introductory courses are offered both Fall and Spring Semesters. Other courses are scheduled during alternate terms to allow students to plan in advance and to be able to complete the program expeditiously. A number of Special Topic courses are offered during Mod Semesters to allow professionals to upgrade and/or enhance their skills.

Substance Abuse

The Substance Abuse Track trains students to become a part of the solution to America's drug problem. The curriculum consists of a comprehensive examination of methods used in the identification, intervention, prevention and treatment of substance abuse and evaluation of the environment in which these processes take place.

SPC is a leader in the state of Florida in offering an accredited program to train substance abuse counseling professionals. The college is a designated "Approved Provider" for education leading to the CAP and CAAP certification in substance abuse by the Florida Certification Board. The Program provides an opportunity for persons to be either certified or re-certified for CAP/CAAP.

SPECIAL GRADUATION REQUIREMENTS:

A grade of "C" or better is required in all support, major and option courses.

Before applying to the Human Services Program

A minimum of 12 credits from the general education and/or support courses below are required. General education and support courses do not have to be taken in the order listed, please see a counselor or advisor.

Italicized courses are in the Youth Development Professional ATD program and **BOLD courses are in the Associate Addiction Professional ATD program.**

GENERAL EDUCATION COURSES (18 credits)			
ENC	1101	Composition I	3
ENC	1102	Composition II	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1600H, 1016 or 1060)	3
Humanities/Fine Arts Approved Course			3
Mathematics [a,b]		One college-level course with an MAC, MGF, MTG or STA prefix	3
PSY	1012	General Psychology	3
Computer/Information Literacy Competency Requirement			
SUPPORT COURSES (6 credits)			
BSC	1005	Biological Science	3
DEP	2004	Developmental Psychology of the Life Span **OR**	3
DEP	2102	Child Development **OR**	(3)
DEP	2302	Adolescent Development	(3)
MAJOR COURSES (28 credits)			
HUS	1001	Principles & Strategies for Human Services	3
HUS	1111	Introduction to Intra & Interpersonal Processes	3
HUS	1920	Theories and Foundations of Crisis Intervention	1
HUS	2200	Dynamics of Groups and Group Counseling	3
HUS	2302	Basic Counseling Skills	3
HUS	2315	Studies in Behavior Therapy	3
HUS	2540	Building Stronger Families and Communities	3
HUS	2550	Social Services and the Disenfranchised	3
HUS	2949	Co-op Work Experience	3
SYG	2324	Principles of Substance Abuse	3
		Total General Education, Support and Major	**52**

Option A:		**Social Services Track (HSDIS) (13 credits)**	
HUS	1530	Survey of Developmental Disabilities	3
HUS	1920	Children of Dysfunctional Families	1
HUS	XXXX [c]	HUS electives	7
PHI	1603	Applied Ethics **OR** (PHI 1600, 1602H, 1631 or 2649)	2
		TOTAL PROGRAM HOURS	**65**

OR

Option B:		**Alcohol/Substance Abuse Track (HSM) (21 credits)**	
HUS	1920	Special Topics	3
HUS	2403	Abused Substances and Their Effects	3
HUS	2420	Evaluation of Treatment Environments	3
HUS	2421	Methods for Identification & Intervention in Substance Abuse	3
HUS	2428	Treatment & Resources in Substance	3
HUS	XXXX [c]	HUS electives	4
PHI	1603	Applied Ethics **OR** (PHI 1600, 1602H, 2631 or 2649)	2
		TOTAL PROGRAM HOURS	**73**

a If you take MAT 1033, your degree will be an AAS instead of an AS. Transferability is not guaranteed with the AAS degree.

b Students pursuing a four-year degree are encouraged to take MAC 1105 or a higher Math course.

c Any course with a HUS prefix Including HUS 2949.

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MEDICAL LABORATORY TECHNOLOGY

Valerie Polansky, Instructor-in-Charge, (727) 341-3714
www.spjc.edu/hec/medlab

This program has been designated the Betty Easley Medical Laboratory Technology Program. It has been named in honor of former State Rep. Betty Easley in appreciation for her many efforts on behalf of St. Petersburg College. Rep. Easley is a four-time winner of the Florida Association of Community Colleges' Legislative Award.

The program is designed to produce skilled technicians for immediate employment in the field of clinical laboratory science. Courses are on-line with hands on experiences provided in approved clinical laboratories. Upon completion of the program, students will be granted the Associate in Science degree in Medical Laboratory Technology. Upon graduation, students are eligible to apply to take national certification examinations.

ACCREDITATION:

The Medical Laboratory Technology Program is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS), 8410 West Bryn Mawr Avenue, Suite 670, Chicago, Illinois 60631, (773) 714-8880.

REQUIREMENTS OF THE MEDICAL LABORATORY TECHNOLOGY (MLT) PROGRAM

(College Rule 6Hx23-4.57)

I. **Progression Requirements:**
Eligibility to start the first specialty course in the program is based upon the following minimum requirements.
   A. Requirements for health related programs (6Hx23-4.53) apply to the Medical Laboratory Technology program.
   B. Within six months prior to enrolling in the first specialty course each student must have a physical examination by a licensed physician or advanced RN practitioner verifying satisfactory health status. This must include all immunizations, tests and health verification as specified with contractual agreements with affiliating agencies. This may be required on an annual basis at the discretion of the program director of the health related program to which the student has been admitted
   C. Students transferring from another MLT program must be in good standing in such program. (Exceptions will be handled by the Provost's Office at the Health Education Center).
   D. Completion or current enrollment in either BSC 1010-1010L or BSC 1085-1085L and CHM 1025-1025L.
   E. MLT students are required to make individual arrangements for receiving the Hepatitis B Vaccine prior to beginning in the first specialty course. Students must provide a record of vaccination and/or proof of positive antibody status. Prior to the first laboratory class, documentation of at least the first injection of the series must be submitted to the Program Director. Said immunization series may be waived when medically contraindicated by a physician in writing and a release is signed by the student.
   F. MLT students are required to submit documentation of a minimum of eight hours of observation, volunteer service or work experience in a clinical laboratory prior to enrollment in MLT courses.
   G. MLT students need to obtain a position as a clinical laboratory trainee in one of the College's affiliated clinical laboratories prior to starting the first specialty course.

II. **Special Clinical Requirements**
   A. In order to enroll in courses which have clinical assignment, students must meet the eligibility requirements of a "clinical laboratory trainee," as established in Chapter 483, Florida Statutes, if applicable.
   B. In order to enroll in courses that have clinical assignments, students need to obtain and maintain a position as a clinical laboratory trainee in one of the College's affiliated clinical laboratories.
   C. Each student must hold a valid American Heart Association or American Red Cross basic rescuer cardiopulmonary resuscitation (CPR) card prior to clinical assignments.

III. In addition to SPC graduation requirements, students must meet these **special graduation requirements:**
   A. A grade of "C" or better in all designated specialty courses in this program.
   B. Students must satisfactorily complete an end-of-program competency assessment examination.

ADDITIONAL REQUIREMENTS:

1. **Prior to acceptance and enrollment into this program, applicants must pass a background check and drug screening (see Special Application and Admission Requirements for Health Related Programs).**
2. Liability and clinical accidental insurance must be obtained through the College for which a special fee will be charged.
3. Program requirements are subject to change. Students should check with a counselor, advisor or the program director.
4. Prospective students who are in the United States on a visa should contact the College's International Center (727) 341-4370 to determine their eligibility under INS laws to enroll in this on-line program.

ESTIMATED ADDITIONAL FEES AND EXPENSES:

FRESHMAN YEAR

HepB Immunizations	$150.00
Laboratory Apparel	50.00
Distance Education Lab Fees	50.00
Technology Fees	170.00
Liability/Clinical Accidental Insurance	23.00
Trainee License	45.00

SOPHOMORE YEAR

Liability/Clinical Accidental Insurance	$ 23.00
Technology Fees	170.00
Distance Education Lab Fees	50.00
Laboratory Apparel	50.00
Technician License Fee	200.00
Certification Exam Fee	125.00

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MEDICAL LABORATORY TECHNOLOGY (MLT-AS)

ASSOCIATE IN SCIENCE DEGREE

Students are encouraged to complete general education and support courses prior to enrollment in MLT 1022. CHM 1025/1025L and either BSC 2010/2010L or BSC 1085/1085L are prerequisites to MLT 1022. General education and support courses do not have to be completed in the order listed. Candidates must complete the Intent to Participate form. Please see a counselor or advisor.

Program begins in August (deadline June 1) and January (deadline November 1)

GENERAL EDUCATION COURSES (17 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1600H, 1016 or 1060)	3
Humanities/Fine Arts Approved Course			3
MAC	1105	College Algebra	3
Social & Behavioral Sciences Approved Course			3
PHI	1603	Applied Ethics **OR** (PHI 1600, 1602H, 1631 or 2649)	2
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (16 credits)

BSC	2010-2010L	Biology I and Lab **AND**	3,1
MCB	2010-2010L	Microbiology and Lab **OR**	3,1
BSC	1085-1085L	Human Anatomy & Physiology I and Lab **AND**	(3,1)
BSC	1086-1086L	Human Anatomy & Physiology II and Lab	(3,1)
CHM	1025-1025L	Introductory Chemistry and Lab	3,1
CHM	1045-1045L	General Chemistry I and Lab	3,1

PROGRAM COURSES (43 credits) *

MLT	1022	Introduction to Clinical Laboratory Science	2
MLT	1022L	Introduction to Clinical Laboratory Science Lab	1
MLT	1040	Phlebotomy	1
MLT	1610	Clinical Chemistry	4
MLT	1610L	Clinical Chemistry Laboratory	1
MLT	2150	Clinical Correlations	3
MLT	2362	Hematology and Body Fluid Analysis	4
MLT	2362L	Hematology and Body Fluid Analysis Lab	2
MLT	2400	Clinical Microbiology	4
MLT	2400L	Clinical Microbiology Laboratory	2
MLT	2530	Immunology/Immunohematology	4
MLT	2530L	Immunology/Immunohematology Laboratory	2
MLT	2807L	Immunohematology Clinical Experience	3
MLT	2809L	Hematology Clinical Experience	3
MLT	2810L	Clinical Chemistry Clinical Experience	3
MLT	2811L	Microbiology Clinical Experience	3
MLT	2949	Phlebotomy Co-op	1

TOTAL PROGRAM HOURS **76**

* All theory courses are taught on-line.

** CHM 1025-1025L does not meet the requirements of the Florida Board of Clinical Laboratory Personnel for technologist licensure and is not transferable to state universities. Students who wish to pursue Florida technologist licensure must take CHM 1045-1045L and CHM 1046-1046L.

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NURSING (R.N.)

Gail Burt, Program Director (727) 341-3618

This program has been named for Evelyn W. Jerger for her outstanding record of service to this nation in the field of nursing during World War II in the European Theatre with the 12th Evacuation Hospital Unit, and her esteemed contribution to the community, church and civic life of Pinellas County.

Graduates of this program receive the Associate in Science degree in Nursing. They will be eligible to apply to write the licensing examination to receive their Registered Nurse (R.N.) license. Anyone with an arrest record, excluding minor traffic violations, should contact the Florida Board of Nursing to determine eligibility to sit for the Licensure Examination. This should be done prior to seeking admission to the program.

The St. Petersburg College nursing program is fully approved by the Florida Board of Nursing, 4052 Bald Cypress Way, Tallahassee, Florida 32399, (850) 488-0595 and accredited by the National League for Nursing Accrediting Commission, 61 Broadway, New York, New York, 10006, (800) 669-9656. Applicants are encouraged to prepare for a career in nursing by developing a knowledge base in mathematics and the biological sciences.

Graduates of associate degree nursing programs are able to provide direct nursing care to patients in hospitals and other health agencies. Graduates of the associate degree in nursing may articulate to the nursing baccalaureate degree at SPC or at any of the state universities in Florida.

All nursing students will complete their degrees at the College's Health Education Center at 7200 66th St. N., Pinellas Park.

REQUIREMENTS OF THE NURSING PROGRAM

(College Rule 6Hx23-4.69)

I. **Progression Requirements:**
Students who are eligible to start the first specialty course in the program must submit an Intent to Participate form to be enrolled in that course. Students who meet the requirements will be on a list on a first-come, first-served basis. Students not enrolled for the year in which they are eligible may be listed as an alternate for that year and will be added to the list for the next available class. Enrolling in the first specialty course, students must continue to meet progression requirements. One class is admitted each year in May.

A. Minimum requirements for registration into the first specialty course are as follows:
1. Completion of all college preparatory course work.
2. Standard (Scaled Score) 95 on the reading subsection of the Florida College Entry Level Placement Test, equivalent score on other standardized tests as recommended by the nursing faculty and approved by President's Cabinet or earn "C" or better in REA 1105.
3. Candidates who have had previous courses in another registered nursing program must submit a transcript from the school of nursing and a reference from the official head of the program or appropriate designate. An "individual learning plan" will be developed for each transferring in student by the SPC Nursing faculty that delineates the completion of the nursing program in order to graduate from SPC.
4. Completion of a minimum of 12 credits in Nursing general education and support courses with a minimum grade point average of 2.5 on a 4.00 scale.
5. To enroll in the program students must demonstrate an overall 2.5 GPA in Nursing general education and program support courses on a 4.0 scale and a 2.5 GPA in the sciences.
6. Completion of BSC 1085/1085L and BSC 1086/1086L with a minimum of "C".

B. Each student selected must have a physical examination prior to entrance into the first year of the Nursing program. A self health evaluation form will be completed by the student prior to entering the sophomore year of the program.

C. All progression requirements for health related programs (6Hx23-4.53) apply to the Nursing Program, including Pathway students.

D. Students transferring from another Nursing program must be in good standing in such program (Exceptions will be handled by the Provost's Office at the Health Education Center).

II. **For the transitional program for practical nurses licensed in Florida**, a course is specially designed as entry point for licensed practical nurses or other special students. Special students are defined as students who have satisfactorily completed course work deemed to be equivalent to that of an LPN. Students who successfully complete NUR 1001C, Orientation to Technical Nursing Therapy/Clinical Experience and NUR 1001, Orientation to Technical Nursing Therapy, will enter the sophomore class.

A. Minimum requirements for consideration of licensed practical nurses and special students are the same as I.A. 1.-5., B., C. & D. above and in addition:
1. Be currently licensed in Florida (or eligible for license by transfer of license from out of state).
2. Completion of the following courses with grades as defined in I.A., 4.,5. & 6.
BSC 1085/1085L — Human Anatomy and Physiology and Laboratory I
BSC 1086-1086L — Human Anatomy and Physiology and Laboratory II
PSY 1012 — General Psychology
3. Additional pre-entry course requirements include:
Humanities elective
4. A valid Health Care Provider C.P.R. Certificate.

B. For the **transitional evening track for practical nurses licensed in Florida**, a course is designed as entry point for licensed practical nurses or other special students. Students who successfully complete NUR 1001C, Orientation to Technical Nursing Therapy/Clinical Experience and NUR 1001, Orientation to Technical Nursing Therapy will enter at the sophomore level.
Minimum requirements for consideration of licensed practical nurses and special students are the same as I.A. 1.-.5., B., C. & D. above and II.A. 1.-4.

III. For the transitional program for paramedics (evening track), the following are the minimum requirements for consideration as an applicant to the freshman class:

A. As outlined in I.A. 1.-5. & 6., B., C. & D. above.

B. Additional requirements:
1. Must have completed 25 general education/support credits. These **MUST** include 8 hours of anatomy and physiology, 3 hours of English and 3 hours of PSY 1012. The other 11 hours are the student's choice from required general education and support curriculum.
2. Must have received an AS in Emergency Medical Services or have taken equivalent general education/support courses.
3. Must be currently state certified paramedic and possess a valid Health Care Provider C.P.R. Certificate.

IV. **Prior to enrolling in the first specialty course** in the major, students must have successfully completed the requirements for a Health Care Provider C.P.R. certificate.

V. **In order to enroll in any program course with a prerequisite**, a grade of "C" or better must have been earned in all prerequisite courses.

VI. In addition to SPC graduation requirements, students must meet these **special graduation requirements:**

A. A grade of "C" or better in each of the designated specialty courses in this program.

B. A grade of "C" or better in all courses in the Nursing Program.

C. A valid Health Care Provider C.P.R. certificate.

D. For transfer students, completion of the "individual learning plan."

E. Students must satisfactorily complete an end of program competency assessment examination in theory and an end of program clinical evaluation.

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ADDITIONAL INFORMATION FOR EVENING TRACK:

Evening is defined as 1P-11P. Theory classes may be offered during the day or evening schedule depending on the availability of classes within the program.

ESTIMATED ADDITIONAL FEES:

FRESHMAN YEAR

Physical	$100.00
Books	900.00
Hepatitis Immunizations	140.00
Drug Screening and Background Check (Waiting List Acceptance)	55.00
Enrollment Test	30.00
Clinical laboratory attire	250.00
Liability/Clinical Accidental Insurance	46.00
Laboratory fees	524.00
Course Learning Instructional Packages	33.50
Skills Kit	35.00
Varicella Titer fee	30.00
Accident Insurance Fee	20.00
Achievement Test	126.00

SOPHOMORE YEAR

Books	$300.00
Achievement tests	126.00
Liability/Clinical Accidental Insurance	46.00
Laboratory fees	524.00
Course Learning Instructional Packages	49.00
Pin	50.00
Application fee for State Bd. Licensure Exam	300.00
Accident Insurance Fee	20.00

The Anastasia Hartley and Almeda Martin Endowed Chairs in Nursing were created in December 1990 honoring the esteemed efforts of these former chairs of the Nursing Program during many years of growth and accomplishment for that program at the College

NURSING (R. N.)
(NURSE-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to Bachelor's Degree at SPC or to any state university in Florida)

Before entering the first semester of the Nursing "program courses" students must complete a minimum of 12 credits from the general education and/or support courses listed below. General education and support courses do not have to be completed in the order listed below. Candidates will also complete the Intent to Participate form.

Please see a counselor or advisor. **Access to a computer is helpful!**

Program begins in August and January with a day and evening format

PRE-ENTRY REQUIREMENTS (8 credits)			
BSC	1085/1085L	Human Anatomy & Physiology I & Lab	3,1
BSC	1086/1086L	Human Anatomy & Physiology II & Lab	3,1
GENERAL EDUCATION COURSES (18 credits)			
ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
Humanities/Fine Arts Approved Course			3
STA	2023	Elementary Statistics	3
*PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649 or 1603 and 2621 or 2622)	3
*PSY	1012	General Psychology	3
Computer/Information Literacy Competency Requirement			
SUPPORT COURSES (4 credits)			
*MCB	2010/2010L	Microbiology and Lab	3,1
PROGRAM COURSES			
1st SEMESTER IN PROGRAM (9 credits)			
NUR	1021	Nursing I	3
NUR	1021L	Nursing I Clinical Experience	6
2nd SEMESTER IN PROGRAM (10 credits)			
NUR	1142C	Application of Pharmacology Concepts In Nursing Therapy	1
NUR	1211	Nursing II	3
NUR	1211L	Nursing II Clinical Experience	6
3rd SEMESTER IN PROGRAM (10 credits)			
NUR	2462	Nursing III	3
NUR	2462L	Nursing III Clinical Experience	6
NUR	2150C	Psychosocial Nursing	1
4th SEMESTER IN PROGRAM (13 credits)			
NUR	2731	Nursing IV	3
NUR	2731L	Nursing IV Clinical Experience	5
NUR	2810C	Nursing Care Management Practicum	4
NUR	2813	Role Transition in Nursing	1
TOTAL PROGRAM HOURS			**72**

- **PSY 1012 must be taken before Nursing II (NUR 1211L); PHI 1600, MCB 2010-2010L and STA 2023 must be taken before Nursing IV (NUR 2731)**

NOTE: Any student who makes a grade of less than "C" in a course in the nursing program that is a prerequisite to a nursing course will be ineligible to continue in the nursing program. Likewise, the clinical component of any nursing rotation must be satisfactorily passed. An overall 2.0 average is required to enroll in sophomore nursing courses. Credit must be earned in or prior to the prescribed sequence.

NOTE: Assessment of prior learning is available to qualified students. Students who wish to apply for credits in this way should follow guidelines in the college catalog under Experiential Learning Program/ELP (Assessment of Prior Learning). Challenge candidates must pay all applicable fees. For information regarding student qualifications for the Experiential Learning Program (ELP), please contact the Program Director of the Nursing Program or your home campus ELP office.

NOTE: Nursing theory courses are available on-line or classroom.

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NURSING (R.N.)
(NURSE-AS)
LPN Transitional Program
ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to Bachelor's Degree at SPC or to any state university in Florida)

****The day program begins in May. The evening program begins August and January.**

Access to a computer is helpful!

PRE-ENTRY REQUIREMENTS (14 credits)

BSC	1085/1085L	Human Anatomy & Physiology I & Lab	3,1
BSC	1086/1086L	Human Anatomy & Physiology II & Lab	3,1
Humanities/Fine Arts Approved Course			3
PSY	1012	General Psychology	3

GENERAL EDUCATION COURSES (12 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
STA	2023	Elementary Statistics	3
*PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1603, 1631, 2649 or 1603 and 2621 or 2622)	3
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (4 credits)

*MCB	2010/2010L	Microbiology and Lab	3,1

1st SEMESTER IN PROGRAM (19 credits)

NUR	1060C	Nursing Process/Physical Assessment	2
NUR	1001	Orientation to Technical Nursing Therapy	4
NUR	1001C	Orientation to Technical Nursing Therapy/ Clinical Experience	2
		Advanced Placement Credit	**11**

2nd SEMESTER IN PROGRAM (10 credits)

NUR	2150C	Psychosocial Nursing	1
NUR	2462	Nursing III	3
NUR	2462L	Nursing III Clinical Experience	6

3rd SEMESTER IN PROGRAM (13 credits)

NUR	2731	Nursing IV	3
NUR	2731L	Nursing IV Clinical Experience	5
NUR	2810C	Nursing Care Management Practicum	4
NUR	2813	Role Transition in Nursing	1
		TOTAL PROGRAM HOURS	**72**

* MCB 2010-2010L and PHI 1600 must be taken prior to Nursing IV (NUR 2731.)

NOTE: Any student who makes a grade of less than "C" in a course in the nursing program that is a prerequisite to a nursing course will be ineligible to continue in the nursing program. Likewise, the clinical component of any nursing rotation must be satisfactorily passed. An overall 2.0 average is required to enroll in sophomore nursing courses. Credit must be earned in or prior to the prescribed sequence.

NOTE: Assessment of prior learning is available to qualified students. Students who wish to apply for credits in this way should follow guidelines in the college catalog under Experiential Learning Program/ELP (Assessment of Prior Learning). Challenge candidates must pay all applicable fees. For information regarding student qualifications for the Experiential Learning Program (ELP), please contact the Program Director of the Nursing Program or your home campus ELP office.

NOTE: Nursing theory courses are available on-line and in classroom.

**** For May admission, before being admitted additional general education courses need to be completed in order to graduate within the three semesters.**

NURSING (R.N.)
(NURSE-AS)
Part-time Nursing Web-based Theory Instruction Program
ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to Bachelor's Degree at SPC or to any state university in Florida)

Before entering the first semester of the Nursing "program courses" students must complete a minimum of 12 credits from the general education and/or support courses listed below. General education and support courses do not have to be completed in the order listed below. Candidates will also complete the Intent to Participate form. Please see a counselor or advisor. **Access to a computer is helpful!**

PRE-ENTRY REQUIREMENTS (8 credits)

BSC	1085/1085L	Human Anatomy & Physiology I & Lab	3,1
BSC	1086/1086L	Human Anatomy & Physiology II & Lab	3,1

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or Honors)	3
Humanities/Fine Arts Approved Course			3
STA	2023	Elementary Statistics	3
*PSY	1012	General Psychology	3
*PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1603 or 2649 or 1603 and 2621 or 2622)	3
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (4 credits)

*MCB	2010/2010L	Microbiology and Lab	3,1

1st SEMESTER IN PROGRAM (9 credits)

NUR	1021	Nursing I	3
NUR	1021L	Nursing I Clinical Experience	6

2nd SEMESTER IN PROGRAM (1 credit)

NUR	1142C	Application of Pharmacology Concepts in Nursing Therapy	1
NUR	1211	Nursing II	(3)
NUR	1211L	Nursing II Clinical Experience	(6)

3rd SEMESTER IN PROGRAM (9 credits)

NUR	1211	Nursing II (continued)	3
NUR	1211L	Nursing II Clinical Experience (continued)	6

4th SEMESTER IN PROGRAM (9 credits)

NUR	2462	Nursing III	3
NUR	2462L	Nursing III Clinical Experience	6

5th SEMESTER IN PROGRAM (1 credit)

NUR	2150C	Psychosocial Nursing	1
NUR	2731	Nursing IV	(3)
NUR	2731L	Nursing IV Clinical Experience	(5)

6th SEMESTER IN PROGRAM (13 credits)

NUR	2731	Nursing IV (continued)	3
NUR	2731L	Nursing IV Clinical Experience (cont'd)	5
NUR	2813	Role Transition in Nursing	1
NUR	2810C	Nursing Care Management Practicum	4
		TOTAL PROGRAM HOURS	**72**

* PSY 1012 must be taken before Nursing II (NUR 1211L); PHI 1600 and MCB 2010-2010L must be taken before Nursing IV (NUR 2731.)

NOTE: Any student who makes a grade of less than "C" in a course in the nursing program that is a prerequisite to a nursing course will be ineligible to continue in the nursing program. Likewise, the clinical component of any nursing rotation must be satisfactorily passed. An overall 2.0 average is required to enroll in sophomore nursing courses. Credit must be earned in or prior to the prescribed sequence.

NOTE: Assessment of prior learning is available to qualified students. Students who wish to apply for credits in this way should follow guidelines in the college catalog under Experiential Learning Program/ELP (Assessment of Prior Learning). Challenge candidates must pay all applicable fees. For information regarding student qualifications for the Experiential Learning Program (ELP), please contact the Program Director of the Nursing Program or your home campus ELP office.

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NURSING (R.N.)
(NURSE-AS)
Part-time LPN Transitional Web-based Theory Instruction Program

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to Bachelor's Degree at SPC or to any state university in Florida)

PRE-ENTRY REQUIREMENTS (14 credits)			
Access to a computer			
BSC	1085/1085L	Human Anatomy & Physiology I & Lab	3,1
BSC	1086/1086L	Human Anatomy and Physiology II & Lab	3,1
Humanities/Fine Arts Approved Course			3
PSY	1012	General Psychology	3
GENERAL EDUCATION COURSES (12 credits)			
ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1600H, 1016 or SPC 1060)	3
STA	2023	Elementary Statistics	3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631, 2649 or 1603 and 2621or 2622)	3
Computer/Information Literacy Competency Requirement			
SUPPORT COURSES (4 credits)			
*MCB	2010/2010L	Microbiology and Lab	3,1
1st SEMESTER IN PROGRAM (19 credits)			
NUR	1060C	Nursing Process/Physical Assessment	2
NUR	1001	Orientation to Technical Nursing Therapy	4
NUR	1001C	Orientation to Technical Nursing Clinical Experience	2
		Advanced Placement Credit	**11**
2nd SEMESTER IN PROGRAM (9 credits)			
NUR	2462	Nursing III	3
NUR	2462L	Nursing III Clinical Experience	6
3rd SEMESTER IN PROGRAM (1 credit)			
NUR	2150C	Psychosocial Nursing	1
NUR	2731	Nursing IV	(3)
NUR	2731L	Nursing IV Clinical Experience	(5)
NUR	2813	Role Transition in Nursing Practice	(1)
4th SEMESTER IN PROGRAM (13 credits)			
NUR	2731	Nursing IV (continued)	3
NUR	2731L	Nursing IV Clinical Experience (continued)	5
NUR	2813	Role Transition in Nursing	(1)
NUR	2810C	Nursing Care Management Practicum	4
	TOTAL PROGRAM HOURS		**72**

* MCB 2010-2010L, PHI 1600 and STA 2023 must be taken prior to Nursing IV (NUR 2731.)

NOTE: Any student who makes a grade of less than "C" in a course in the nursing program that is a prerequisite to a nursing course will be ineligible to continue in the nursing program. Likewise, the clinical component of any nursing rotation must be satisfactorily passed. An overall 2.0 average is required to enroll in sophomore nursing courses. Credit must be earned in or prior to the prescribed sequence.

NOTE: Assessment of prior learning is available to qualified students. Students who wish to apply for credits in this way should follow guidelines in the college catalog under Experiential Learning Program/ELP (Assessment of Prior Learning). Challenge candidates must pay all applicable fees. For information regarding student qualifications for the Experiential Learning Program (ELP), please contact the Program Director of the Nursing Program or your home campus ELP office.

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PHYSICAL THERAPIST ASSISTANT

David Erickson, Program Director, (727) 341-3611

The physical therapist assistant is a skilled technical health care worker who carries out patient treatment programs under the direction of the physical therapist. The assistant works to relieve pain and/or increase function in patients via therapeutic application of heat, cold, light, water, electricity, sound, massage, exercise, gait and functional activity.

Physical therapist assistants work in a variety of settings including hospitals, rehabilitation agencies, schools, outpatient clinics and nursing homes.

Persons interested in pursuing this program should be comfortable working with people of all age groups in close one-to-one relationships. They should enjoy physical activity and be patient and empathetic when working with others.

Upon completion of the program, the student is awarded an Associate in Science degree in Physical Therapist Assistant. A state licensing examination is given by the Florida Board of Physical Therapy Practice.

ACCREDITATION:

The St. Petersburg College Physical Therapist Assistant Program is accredited by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association, 1111 N. Fairfax Street, Alexandria, Virginia 22314, 1-800-999-2782.

REQUIREMENTS OF THE PHYSICAL THERAPIST ASSISTANT PROGRAM

(College Rule 6Hx23-4.60)

I. **Progression Requirements**
Eligibility to start the first specialty course in the program is based upon the following minimum requirements:
   A. Requirements for Health Related Programs (6Hx23-4.53) apply to the Physical Therapist Assistant Program
   B. Within three (3) months prior to enrolling in the first specialty course each student must have a physical examination by a licensed physician or advanced RN practitioner verifying satisfactory health status. This must include all immunizations, tests, and health verification as specified within contractual agreements with affiliating agencies. This may be required on an annual basis at the discretion of the program director.
   C. Students transferring from another physical therapist assistant or other health related program must be in good standing in such program. (Exceptions will be handled by the Provost's Office at the Health Education Center).
   D. Completion of a minimum of eight (8) hours of observation, volunteer service or work experience in a physical therapy department.
   (Physical therapy experience must be verified by a signed statement from a physical therapist or physical therapist assistant.)
   E. Completion of:
      1. BSC 1085 Anatomy and Physiology I and BSC 1085L Anatomy and Physiology I Laboratory with a grade of "C" or better.
      2. A 2.5 grade point average on a 4.0 scale in at least 12 semester hours of Physical Therapist Assistant general education and support courses.

II. **Special Progress Requirements**
   A. Prior to the beginning of Session II of the freshman year, students in this program must have successfully completed the requirements for a basic rescuer C.P.R. Certificate and basic First Aid Certificate.
   B. In order to enroll in any PHT course with prerequisites, a grade of "C" or better must have been earned in all prerequisite PHT courses.

III. In addition to SPC graduation requirements, students must meet these **special graduation requirements.**
   A. A grade of "C" or better in all Physical Therapist Assistant courses in this program.
   B. Students must satisfactorily complete an end-of-program competency assessment examination.

ADDITIONAL REQUIREMENTS:

1. All transcripts from high schools (or GED) and college(s) currently or previously attended must be received. Students who have completed an AA or BA degree are not required to submit high school transcripts.
2. **Prior to acceptance and enrollment into this program, applicants must pass a background check and drug screening (see Special Application and Admission Requirements for Health Related Programs).**
3. Liability and clinical accidental insurance must be obtained through the College for which a special fee will be charged.
4. Program requirements are subject to change. Students should check with a counselor, advisor or the program director.

ESTIMATED ADDITIONAL FEES:

FRESHMAN YEAR

Uniforms	$100.00
Liability/Clinical Accidental Insurance	23.00

SOPHOMORE YEAR

Liability/Clinical Accidental Insurance	23.00

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PHYSICAL THERAPIST ASSISTANT (PTA-AS)

ASSOCIATE IN SCIENCE DEGREE

Program begins in August

Before entering the first semester of the Physical Therapist Assistant "program courses" students must complete a minimum of 12 credits from the general education and/or support courses listed below. General education and support courses do not have to be completed in the order listed. Candidates will also complete the Intent to Participate form. Please see a counselor or advisor.

PRE-ENTRY REQUIREMENT (4 credits)

BSC	1085-1085L	Human Anatomy & Physiology I and Lab	3,1

GENERAL EDUCATION COURSES (20 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1600H, 1016 or 1060)	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college level course with an MAC, MGF, MTG or STA prefix	3
PSY	1012	General Psychology	3
DEP	2004	Developmental Psychology of the Life Span	3
PHI	1603	Applied Ethics **OR** (PHI 1600, 1602H or 1631 or 2649)	2
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (7 credits)

BSC	1086-1086L	Human Anatomy & Physiology II and Lab	3,1
HSC	1149C	General Pharmacology for Health Professionals	1
HSC	1531	Medical Terminology	2

PROGRAM COURSES

1st SEMESTER IN PROGRAM (11 credits)

PHT	1121	* Functional Anatomy & Kinesiology	3
PHT	1121L	* Functional Anatomy & Kinesiology Lab	2
PHT	1200	Introduction to Basic Patient Care	3
PHT	1200L	Basic Patient Care Laboratory	3

2nd SEMESTER IN PROGRAM (11 credits)

PHT	1217	Physical Therapy Principles & Procedures	3
PHT	1217L	Physical Therapy Principles & Procedures Laboratory	3
PHT	2252	Orthopedic Disabilities & Treatment	3
PHT	2252L	Orthopedic Disabilities & Treatment Laboratory	2

3rd SEMESTER IN PROGRAM (4 credits)

PHT	1801L	Physical Therapy Clinical Practice I	4

4th SEMESTER IN PROGRAM (7 credits)

PHT	2162	Neurological Disabilities & Treatment	3
PHT	2220	Therapeutic Exercise in Physical Therapy	2
PHT	2220L	Therapeutic Exercise in Physical Therapy Laboratory	2

5th SEMESTER IN PROGRAM (10 credits)

PHT	2810L	Physical Therapy Clinical Practice II	4
PHT	2820L	Physical Therapy Clinical Practice III	4
PHT	2931	Trends in Physical Therapy	2

TOTAL PROGRAM HOURS **74**

*Open Enrollment courses

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RADIOGRAPHY

Stephen Mikles, Program Director, (727) 341-3629

Radiographers are important members of the health care team, dedicated to optimum patient care. Their primary role is to perform the technical procedures necessary to produce diagnostic x-ray studies, administer quality patient care and to assist the radiologist physician. Although most radiographers are employed by hospitals or clinics, there are many positions available in private physicians' offices and industry. Graduates may apply to take the American Registry of Radiologic Technologists (ARRT) examination as well as the State of Florida examination for the general radiographer.

Anyone with an arrest record, excluding minor traffic violations, should contact the ARRT and the Florida Department of Health Bureau of Radiation Control to determine eligibility to sit for the State and National Licensure Examinations. This should be done prior to seeking admission to the program.

ACCREDITATION:

The Radiography Program is accredited by the Southern Association of Colleges and Schools (SACS), 1866 Southern Lane, Decatur, Georgia 30033-4097. Graduates of this program are eligible to sit for the national registry examination given by the ARRT.

REQUIREMENTS OF THE RADIOGRAPHY PROGRAM

(College Rule 6Hx23.4.68)

I. **Progression Requirements:**
Eligibility to start the first specialty course in the program is based upon the following minimum requirements:
   A. Requirements for health related programs (6Hx23.4.53) apply to the Radiography Program.
   B. Within six months of enrolling in the first specialty course each student must have a physical examination by a licensed physician or advanced RN practitioner verifying satisfactory health status. This must include all immunizations, tests and health verification as specified within contractual agreements with affiliating agencies. This may be required on an annual basis at the discretion of the program director of the health-related program to which the student has been admitted.
   C. At least 18 years of age (as required by Florida Statute).
   D. Completion of:
      BSC 1085, BSC 1085L and MAC 1105
      All with a grade of "C" or better.
   E. Completion of a minimum of 8 hours of observation, volunteer service or work experience in a radiology department imaging center. (Experience must be verified by a signed statement from a radiologist or radiographer.)

II. **Extended Program Option**
The Radiography Program offers an option for those who wish to complete the Program in 3 years. Students selecting this option usually are those who are unable, for personal, financial or academic reasons, to complete the program in the usual 2 years. The student may request to enter the 3-year track at any time after the 1st semester. In order to be placed in the 3-year track the student must complete the following:
   A. Receive approval from the program director to enter the 3-year track.
   B. Successfully complete all radiography courses offered during the 1st semester of the 1st year with a "C" or higher grade.
   C. Complete all courses in the Extended Program Option with a "C" or higher grade in the sequence given. The student is subject to the readmission policy requirements if a grade of less than "C" is received in any RTE course.
   D. The courses to be completed depend upon which semester the student enters the 3-year track.

III. **Special Progress Requirements**
   A. Prior to the start of Session III of the freshman year, students in the program must have successfully completed the requirements for a Basic Rescuer CPR Certificate.
   B. In order to enroll in any RTE Radiography program course with a prerequisite, a grade of "C" or better must have been earned in all prerequisite courses.
   C. Prior to the start of Session I of the sophomore year, students must have successfully completed a 4-hour Florida Department of Health, Bureau of Radiation Control approved HIV?AIDS class.
   D. Prior to the state of the freshman year, all students accepted into the program must complete a minimum of 24 hours of observation in the Radiology Department of a hospital affiliated with the College's program.
   E. Prior to the start of Session I of the sophomore year, students must have successfully completed a Basic EKG Training course.

IV. **Readmission**
   A. A student must successfully demonstrate the appropriate level clinical skills to the clinical coordinator prior to returning to the clinical setting after an absence of 1 semester or more.
   B. A student may request to continue in the program beyond 3 years for financial, health or personal reasons. The following procedure is required:
      1. The student must submit a Special Application Form to the program director prior to the beginning of the session in which the student wishes to re-enter.
         For Session I - apply by May 1
         For Session II - apply by October 1
         For Session III - apply by February 1
      2. The student must successfully demonstrate the appropriate level clinical skills to the clinical coordinator.
      3. If medical conditions were involved, written verification of current good health and ability to function safely in clinical situations is required.
      4. The decision regarding re-entry will be made by a Faculty Committee on an individual basis and is subject to course sequence and class size.
      5. The student will be informed in writing of the decision by the program director.

V. In addition to SPC graduation requirements, students must meet this special graduation requirement:
   A. A grade of "C" or better must be achieved in all specialty (RTE) courses.

ADDITIONAL REQUIREMENTS:

1. Liability and clinical accidental insurance must be obtained through the College for which a special fee will be charged.
2. **Prior to acceptance and enrollment into this program, applicants must pass a background check and drug screening (see Special Application and Admission Requirements for Health Related Programs.)**
3. Students transferring from another radiography or other health-related program must be in good standing in such program.
4. All transcripts from high schools (or GED) and college(s) currently or previously attended must be received. Students who have completed an AA or BA degree are not required to submit a high school transcript.
5. Program requirements are subject to change. Students should check with a counselor, advisor or program director.

ESTIMATED ADDITIONAL FEES:

Uniforms	$200.00
Liability/Clinical Accidental Insurance	46.00
Laboratory fees	160.00

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RADIOGRAPHY
(RAD-AS)

ASSOCIATE IN SCIENCE DEGREE

(Fully transferable to a Bachelor's Degree at the University of Central Florida)

Program begins in January

Before entering the first semester of the Radiography "program courses" students are encouraged to begin general education courses and must complete the pre-entry requirements. General education and support course do not have to be completed in the order listed. Candidates will also complete the Intent to Participate form. Please see a counselor or advisor.

PRE-ENTRY REQUIREMENTS (7 credits)

BSC	1085-1085L	Human Anatomy and Physiology I and Lab	3,1
MAC	1105	College Algebra	3

GENERAL EDUCATION COURSES (17 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016 or 1060 or 1600H)	3
Humanities/Fine Arts Approved Course			3
Social & Behavioral Sciences Approved Course			3
PHI	1603	Applied Ethics **OR** (PHI 1600, 1602H, 1631 or 2649)	2
CGS	1100	Microcomputer Applications	3

SUPPORT COURSES (4 credits)

BSC	1086-1086L	Human Anatomy and Physiology II and Lab	3,1

PROGRAM COURSES

1st SEMESTER IN PROGRAM (9 credits)

RTE	1000	Orientation to Radiography	2
RTE	1418	Principles of Imaging I	2
RTE	1418L	Principles of Imaging I Lab	1
RTE	1503C	Radiographic Procedures I	3
RTE	1503L	Radiographic Procedures I Lab	1

2nd SEMESTER IN PROGRAM (6 credits)

RTE	1513C	Radiographic Procedures II	2
RTE	1513L	Radiographic Procedures II Lab	1
RTE	1804L	Radiographic Clinical Education I	3

3rd SEMESTER IN PROGRAM (11 credits)

RTE	1458	Principles of Imaging II	3
RTE	1473L	Radiographic Quality Assurance Lab	1
RTE	1814L	Radiographic Clinical Education II	5
RTE	2385	Radiation Biology	2

4th SEMESTER IN PROGRAM (8 credits)

RTE	2613	Radiation Physics	2
RTE	2824L	Radiographic Clinical Education III	6

5th SEMESTER IN PROGRAM (6 credits)

RTE	2782	Radiographic Pathology	2
RTE	2834L	Radiographic Clinical Education IV	4

6th SEMESTER IN PROGRAM (9 credits)

RTE	2563	Advanced Medical Imaging	3
RTE	2844L	Radiographic Clinical Education V	6

TOTAL PROGRAM HOURS **77**

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RESPIRATORY CARE

Stephen Mikles, Program Director, (727) 341-3629

The Respiratory Care program is accredited by the Commission on Accreditation of the Allied Health Education Programs (CAAHEP), 35 East Wacker Drive, Suite 1970, Chicago, IL 60601, (312) 553-9355 in collaboration with the Committee on Accreditation for Respiratory Care (CoARC). Inquiries regarding accreditation should be directed to: CoARC, 1248 Harwood Road, Bedford, TX 76021, 800-874-5615. Graduates receive a certificate of completion and the degree of Associate in Science in Respiratory Care. Upon certification of completion, graduates apply to take the entry-level certification examination of the National Board for Respiratory Care. Following successful completion of (1) the program curriculum and (2) NBRC certification and registry examinations, the graduate will become a Registered Respiratory Therapist.

REQUIREMENTS OF THE RESPIRATORY CARE PROGRAM

(College Rule 6Hx23-4.61)

I. **Progression Requirements**
Eligibility to start the first specialty course in the program is based upon the following minimum requirements.
   A. Requirements for health related programs (DBT 6Hx23-4.53) apply to the Respiratory Care program.
   B. Within six months of enrolling in the first specialty course each student must have a physical examination by a licensed physician or advanced RN practitioner verifying satisfactory health status. This must include all immunizations, tests and health verification as specified within contractual agreements with affiliating agencies. This may be required on an annual basis at the discretion of the program director of the health-related program to which the student has been admitted.
   C. Students transferring from another respiratory care must be in good standing in such program. (Exceptions will be handled by the Provost's Office at the Health Education Center).
   D. Completion of nine (9) credits in general education or support courses.
   E. Completion of a minimum of four (4) hours of observation, volunteer service or work experience in a respiratory care department.

II. **For the transitional program for respiratory care technicians** or students having prior experience or education in respiratory therapy, a two-course series, RET 1264 and RET 1485, is specially designed as entry point into the respiratory care program. Students who successfully complete the special program enter the sophomore class, Session I.
   A. Minimum requirements for application and admission are as follows:
      1. Completion of I.A., B., C. & D.
      2. Respiratory technicians certified by the National Board for Respiratory Care must submit a notarized copy of their certification.

III. **For the Paramedic/EMS transitional program**, a three course series RET 1264, RET 1485, and RET 2284 is specially designed as entry point into the respiratory care program. Students who successfully complete the special program enter the sophomore class, Session I.
   A. Minimum requirements for application and admission are as follows:
      1. Completion of I.A., B., C. & D.
      2. Submission of current Florida paramedic certificate.

IV. **Special Progress Requirements**
In order to enroll in any course within the major with prerequisites, a grade of "C" or better must have been earned in all prerequisite Respiratory Care courses.

V. In addition to SPC graduation requirements, students must meet these **special graduation requirements:**
   A. A grade of "C" or better in each designated specialty course in this program.
   B. Satisfactory completion of an end of program competency assessment examination.

ADDITIONAL REQUIREMENTS:

1. Liability and clinical accidental insurance must be obtained through the College for which a special fee will be charged.
2. All transcripts from high schools (or GED) and college(s) currently or previously attended must be received. Students who have completed an AA or BA degree are not required to submit high school transcripts.
3. **Prior to acceptance and enrollment into this program, applicants must pass a background check and drug screening (see Special Application and Admission Requirements for Health Related Programs.)**
4. Program requirements are subject to change. Students should check with a counselor, advisor or program director.

ESTIMATED ADDITIONAL FEES:

FRESHMAN YEAR

Uniforms	$20.00
Liability/Clinical Accidental Insurance	23.00
Lab Fees	75.00

SOPHOMORE YEAR

Uniforms	$35.00
Liability/Clinical Accidental Insurance	23.00
Lab Fees	50.00
Testing Fees	390.00

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RESPIRATORY CARE
(RESC-AS)
ASSOCIATE IN SCIENCE DEGREE

Program begins in August

Before entering the first semester of the Respiratory Care "program courses" students must complete a minimum of 9 credits from the general education and/or support courses listed below. General education and support course do not have to be completed in the order listed. Candidates will also complete the Intent to Participate form. Please see a counselor or advisor.

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060, 1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics		Any college level MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1603	Applied Ethics	2
CTS	1101	Basic Computer and Information Literacy	1

SUPPORT COURSES (12 credits)

BSC	1085-1085L	Human Anatomy & Physiology I and Lab	3,1
BSC	1086-1086L	Human Anatomy & Physiology II and Lab	3,1
CHM	1025-1025L	Introductory Chemistry and Lab	3,1

PROGRAM COURSES

1st SEMESTER IN PROGRAM (7 credits)

RET	1007	Respiratory Pharmacology	2
RET	1024	Fundamentals of Respiratory Care	3
RET	1874L	Clinical Practice I	2

2nd SEMESTER IN PROGRAM (8 credits)

RET	1264	Principles of Mechanical Ventilation	3
RET	1485	Cardiopulmonary Physiology	3
RET	1875L	Clinical Practice II	2

3rd SEMESTER IN PROGRAM (6 credits)

RET	2284	Advanced Modalities and Monitoring	2
RET	2876L	Clinical Practice III	4

4th SEMESTER IN PROGRAM (10 credits)

RET	2414	Diagnostic Procedures	2
RET	2450	Cardiopulmonary Assessment	2
RET	2484	Pulmonary Disease	2
RET	2877L	Clinical Practice IV	4

5th SEMESTER IN PROGRAM (11 credits)

EMS	2551	Advanced Cardiac Life Support	1
RET	2534	Home and Rehabilitative Respiratory Care	2
RET	2714	Neonatal-Pediatric Respiratory Care	2
RET	2878L	Clinical Practice V	4
RET	2935	Medical-Surgical Aspects of Respiratory Care	2

6th SEMESTER IN PROGRAM (4 credits)

RET	2879L	Clinical Practice VI	4

TOTAL PROGRAM HOURS **76**

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RESPIRATORY CARE
(RESC-AS)
Paramedic/EMS Transitional Program
ASSOCIATE IN SCIENCE DEGREE

Program begins in August

Before entering the first semester of the Respiratory Care "program courses" students must complete a minimum of 9 credits from the general education and/or support courses listed below. General education and support courses do not have to be completed in the order listed. Candidates will also complete the Intent to Participate form. Please see a counselor or advisor.

GENERAL EDUCATION COURSES (18 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060, or Honors)	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college level course with an MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1603	Applied Ethics **OR** (PHI 1600, 1602H, 1631 or 2649)	2
CTS	1101	Basic Computer and Information Literacy	1

SUPPORT COURSES (25 credits)

CHM	1025-1025L	Introductory Chemistry and Lab	3,1
		ADVANCED PLACEMENT CREDIT	**21**

PROGRAM COURSES

1st SEMESTER IN PROGRAM (6 credits)

RET	1264	Principles of Mechanical Ventilation	3
RET	1485	Cardiopulmonary Physiology	3

2nd SEMESTER IN PROGRAM (2 credits)

RET	2284	Advanced Modalities and Monitoring	2

3rd SEMESTER IN PROGRAM (10 credits)

RET	2414	Diagnostic Procedures	2
RET	2450	Cardiopulmonary Assessment	2
RET	2484	Pulmonary Disease	2
RET	2877L	Clinical Practice IV	4

4th SEMESTER IN PROGRAM (11 credits)

EMS	2551	Advanced Cardiac Life Support	1
RET	2534	Home and Rehabilitative Respiratory Care	2
RET	2714	Neonatal-Pediatric Respiratory Care	2
RET	2878L	Clinical Practice V	4
RET	2935	Medical-Surgical Aspects of Respiratory Care	2

5th SEMESTER IN PROGRAM (4 credits)

RET	2879L	Clinical Practice VI	4

TOTAL PROGRAM HOURS 76

RESPIRATORY CARE
(RESC-AS)
Certified Therapists Transitional Program
ASSOCIATE IN SCIENCE DEGREE

Before entering the first semester of the Respiratory care "program courses" students must complete a minimum of 9 credits from the general education and/or support courses listed below. General education and support courses do not have to be taken in the order listed. Candidates will also complete the Intent to Participate form. Please see a counselor or advisor.

GENERAL EDUCATION COURSES (17 credits)

ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016, 1060 or 1600H)	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college level course with an MAC, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1603	Applied Ethics **OR** (PHI 1600, 1602H, 1631or 2649)	2
Computer/Information Literacy Competency Requirement			

SUPPORT COURSES (38 credits)

BSC	1085-1085L	Human Anatomy & Physiology I and Lab	3,1
BSC	1086-1086L	Human Anatomy & Physiology II and Lab	3,1
CHM	1025-1025L	Introductory Chemistry and Lab	3,1
		ADVANCED PLACEMENT CREDIT	**26**

PROGRAM COURSES

1st SEMESTER IN PROGRAM (6 credits)

RET	1264	Principles of Mechanical Ventilation	3
RET	1485	Cardiopulmonary Physiology	3

2nd SEMESTER IN PROGRAM (2 credits)

RET	2284	Advanced Modalities and Monitoring	2

3rd SEMESTER IN PROGRAM (6 credits)

RET	2414	Diagnostic Procedures	2
RET	2450	Cardiopulmonary Assessment	2
RET	2484	Pulmonary Disease	2

4th SEMESTER IN PROGRAM (7 credits)

EMS	2551	Advanced Cardiac Life Support	1
RET	2534	Home and Rehabilitative Respiratory Care	2
RET	2714	Neonatal-Pediatric Respiratory Care	2
RET	2935	Medical-Surgical Aspects of Respiratory Care	2

TOTAL PROGRAM HOURS 76

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VETERINARY TECHNOLOGY

Dr. Guy Hancock, Program Director, Telephone (727) 341-3653
http://www.spjc.edu/hec/vettech/VT1.html

Graduate technicians assist veterinarians by using their scientific knowledge and skills for the benefit of society through the protection of animal health, the relief of animal suffering, the conservation of livestock resources, the promotion of public health, and the advancement of medical knowledge. The Veterinary Technology Program has been accredited by the American Veterinary Medical Association since 1978. In order to be eligible to take the Certification Exam or the Veterinary Technician National Exam, a student must graduate from an accredited program. The American Veterinary Medical Association is located at 1931 N. Meacham Road, Suite 100, Schaumburg, Illinois 60173-4360, 1-800-248-2862.

REQUIREMENTS OF THE VETERINARY TECHNOLOGY PROGRAM

(College Rule 6Hx23-4.50)

I. **Open Enrollment Courses**
Open enrollment may be permitted in certain Veterinary Technology courses, which have no other ATE course prerequisites. The student must meet all other College enrollment requirements. Credit for these courses will apply if the student is subsequently accepted to the Veterinary Technology Program.

II. **Progression Requirements**
Admission to the Veterinary Technology Program is based upon the following minimum requirements:
   A. Requirements for health related programs (6Hx23-4.53) apply to the Veterinary Technology Program.
   B. Students who are eligible to start the first specialty course in the program must submit an "intent to participate" form to be enrolled in that course. Students who meet the requirements will be admitted on a first-come, first-served basis. Student's letter of intent may be submitted at any time. Eligible students not enrolled for the year in which they apply may be listed as an alternate for that year and will be admitted for the next available class. At the time of enrolling in the first specialty course, students must continue to meet the admission requirements.
   C. Progression into the Veterinary Technology courses requires students to answer the following questions as a part of a necessary screening program to work under the College's registrant's registration as required by Federal Drug Enforcement Administration rules.
      1. Question: Within the past five (5) years have you been convicted of a felony or within the past two (2) years any misdemeanor or are you presently formally charged with committing any criminal offense? (Do not include any traffic violations, juvenile offenses or military convictions except by general courts martial). If your answer is yes, furnish details of conviction, offense, locations, date and sentence.
      2. Question: In the past three (3) years have you ever knowingly used any narcotics, amphetamines or barbiturates other than those prescribed to you by a physician? If the answer is yes, furnish details. The student shall further authorize in writing, inquiries of courts, law enforcement agencies and other sources for possible pending charges or convictions. The student must be advised that any false information or omission of information will jeopardize their standing as an applicant/student and that information furnished or recovered as a result of any inquiry will not necessarily preclude them from the program, but will be considered as a part of an overall evaluation. The student's records will otherwise retain their right of privacy as provided by and subject to both the state and federal law.
   D. Students transferring from another veterinary technology or other health related program must be in good standing in such program. (Exceptions will be handled by the Provost's Office at the Health Education Center).

III. **Special Progress Requirements**
In order to enroll in any program course with a prerequisite, a grade of "C" or better must have been earned in all prerequisite courses.

IV. In addition to SPC graduation requirements, students must meet these **special graduation requirements:**
   A. A grade of "C" or better in all designated specialty courses in this program.
   B. External agencies may require on-campus end-of-program testing of practical skills prior to graduation. Students must pass an end-of-program practical exam, which may be administered on campus only and is not available at a distance.

ADDITIONAL REQUIREMENTS:

Prior to acceptance and enrollment into this program, applicants must satisfactorily pass a background check and drug screening (see Special Application and Admission Requirements for Health Related Programs).

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VETERINARY TECHNOLOGY (VETTC-AS)

ASSOCIATE IN SCIENCE DEGREE

Program begins in August and January

Before entering the first semester of the Veterinary Technology "program courses", all part time students are encouraged to complete the general education and support courses. The general education and/or support courses do not have to be taken in the order listed. Candidates will also complete the Intent to Participate form. Please see a counselor and/or advisor.

GENERAL EDUCATION COURSES (18 credits)			
ENC	1101	Composition I	3
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016 or 1060)	3
Humanities/Fine Arts Approved Course			3
Mathematics		[a] MAC 1105, MGF 1106, MTG 2206 or STA 2023	3
Social and Behavioral Science Approved Course			3
PHI	1600	Studies in Applied Ethics **OR** (PHI 1602H, 1631 or 2349)	3
Computer/Information Literacy Competency Requirement			
SUPPORT COURSES (4 credits)			
BSC	2010/2010L	[b] Biology I – Cellular Processes and Lab **OR**	3,1
BSC	1005/1005	Biological Science and Lab **OR**	(3,1)
Biology/Biology Lab		Transferable College level Biology **OR** Zoology and Lab	(3,1)
1st SEMESTER IN PROGRAM (12 credits)			
ATE	1110	[c] Animal Anatomy	3
ATE	1110L	[c] Animal Anatomy Lab	1
ATE	1211	[c] Animal Physiology	3
ATE	1650L	[d] Veterinary Clinical Practice I	1
ATE	1741	[d] Veterinary Medical Terminology	1
ATE	2631	Animal Nursing I	3
2nd SEMESTER IN PROGRAM (10 credits)			
ATE	1311L	[d] Veterinary Office Procedures	1
ATE	1636	Large Animal Clinical and Nursing Skills	2
ATE	1654L	Veterinary Clinical Practice II	1
ATE	1943	[d] Veterinary Work Experience I	1
ATE	2050C	Small Animal Breeds & Behavior	1
ATE	2501C	Professional Development Seminar	1
ATE	2611	Animal Medicine I	3
3rd SEMESTER IN PROGRAM (1 credit)			
ATE	1944	Veterinary Work Experience II	1
4TH SEMESTER IN PROGRAM (14 credits)			
ATE	2612	Animal Medicine II	3
ATE	2634	Animal Nursing II	3
ATE	2638	Animal Laboratory Procedures I	3
ATE	2638L	Animal Laboratory Procedure Lab	2
ATE	2651L	Animal Nursing & Medicine Lab I	2
ATE	2945	Veterinary Work Experience III	1
5th SEMESTER IN PROGRAM (17 credits)			
ATE	1671L	Laboratory Animal Medicine	1
ATE	2639	Animal Laboratory Procedures II	3
ATE	2639L	Animal Laboratory Procedures Lab II	2
ATE	2653L	Animal Nursing & Medicine Lab II	2
ATE	2656L	Large Animal Clinical and Nursing Skills Lab	1
ATE	2661	Large Animal Diseases	1
ATE	2710	Animal Emergency Medicine	1
ATE	2722	Avian & Exotic Pet Medicine	2
ATE	2946	Veterinary Work Experience IV	1
	TOTAL PROGRAM HOURS		**73**

a Suggested course is MGF 1106, but for transfer to upper division science degree programs students should take MAC 1105.
b BSC 2010/2010L has a prerequisite of high school chemistry or CHM 1025/L.
c BSC 1085/1085L and1086/1086L may be substituted for ATE 1110, 1110L and 1211.
d Open enrollment = Not limited to selective Admissions Students

Note: In addition to the schedule listed above, the student, with permission of the program director, may elect to take reduced credit hours each semester and extend the program over eight semesters. Courses must be taken in proper sequence and all other program requirements apply. Part-time students and students who enter the program in January may not be able to follow the above schedule.

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DISTANCE EDUCATION PROGRAM IN VETERINARY TECHNOLOGY

The Distance Education Program is designed for students who cannot commute to campus. The credit earned by distance education is the same as credit earned on campus. Students may combine distance education courses with on-site courses in order to better accommodate work and family obligations. The difference between local and distance learning is in the method of delivery, not in the content or the desired outcomes.

The Veterinary Technology Distance Education Program is based on the following assumptions:

a. The general education courses are completed at a local community college prior to admission.
b. Students have the initiative, resourcefulness and perseverance to work independently.
c. Students have a solid relationship with an employer veterinarian.
d. Students have experience using a computer and have access to a computer and the Internet.
e. Students must subscribe to any Internet service.
f. Students must also subscribe to Veterinary Information Network.

The complete distance program application includes the following:

a. The general college application and the $35 fee for new students at SPC.
b. The selective admissions application "Intent to Participate" form.
c. The supplemental application form for distance students.
d. Transcripts from your high school (if no college degree) and any colleges you have attended, sent directly to SPC from each school.

Applicants are considered as soon as their file is complete. Higher priority is given to applicants meeting all of the following qualifications:

a. Completion of the general education requirements.
b. Significant computer experience.
c. Currently employed by a veterinarian and have one year of full time veterinary employment or significant work experience.
d. High cumulative college grade point average.
e. Your place of employment has a graduate veterinary technician or two full time veterinarians who are AVMA members.

Distance Program –Veterinary Technology courses are designed to be completed in the specific sequence. Please contact the instructor in charge of the distance program for advice if you wish to make adjustments..

Year One – 17 credits

Session I		
ATE 1110	Animal Anatomy	3
ATE 1110L	Animal Anatomy Lab	1
ATE 1741	Veterinary Medical Terminology	1
ATE 2050C	Small Animal Breeds & Behavior	1
		6
Session II		
ATE 1311L	Veterinary Office Procedures	1
ATE 1650L	Veterinary Clinical Practice I	1
ATE 1943	Veterinary Work Experience I	1
ATE 2631	Animal Nursing I	3
		6
Session III		
ATE 1211	Animal Physiology	3
ATE 1654L	Veterinary Clinical Practice II	1
ATE 1944	Veterinary Work Experience II	1
		5

Year Two – 18 credits

Session I		
ATE 2611	Animal Medicine I	3
ATE 2651L	Animal Nursing & Medicine Lab I	2
ATE 2710	Animal Emergency Medicine	1
ATE 2945	Veterinary Work Experience III	1
		7
Session II		
ATE 2612	Animal Medicine II	3
ATE 2653L	Animal Nursing & Medicine Lb II	2
ATE 2946	Veterinary Work Experience IV	1
		6
Session III		
ATE 2638	Animal Laboratory Procedures I	3
ATE 2638L	Animal Lab Procedure Lab	2
		5

Year Three – 16 credits

Session I		
ATE 2639	Animal Lab Procedures II	3
ATE 2639L	Animal Lab Proc Lab II	2
ATE 1636	Large Animal Clinical & Nsg Skls	2
		7
Session II		
ATE 2634	Animal Nursing II	3
ATE 2656L	Large Animal Cln & Nsg Skls Lab	1
ATE 2661	Large Animal Diseases	1
		5

Session III		
ATE 1671L	Laboratory Animal Medicine	1
ATE 2722	Avian & Exotic Pet Medicine	2
ATE 2501C	Professional Development Seminar	1
		4

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GENERAL EDUCATION REQUIREMENTS FOR THE ASSOCIATE IN APPLIED SCIENCE DEGREE

(College Rule 6Hx23-4.32)

The general education requirements for the Associate in Applied Science degree consist of a minimum of 18 credits. The minimum area requirements for the 18 semester hours are as follows:

A. **COMMUNICATIONS – ..... 6-9 credit hours**
This requirement may be met by completing either 1, 2 and 3 or 1 and 3 below:

1. Choose One: ..... 3 credits

ENC	1101	Composition I
		Or
ENC	1121H	Honors Composition I

NOTE: ENC 1101 or ENC 1121H must be completed within the first 24 semester hours of course work
AND IF REQUIRED BY PROGRAM

2. Choose One: ..... 3 credits

ENC	1102	Composition II within the first 36 semester hours of coursework
		OR
ENC	1122H	Honors Composition II
AML	2012	American Literature I
AML	2022	American Literature II
ENL	2012	British Literature I
ENL	2022	British Literature II
LIT	2110	World Literature I

3. Choose One: ..... 3 credits

SPC	1600	Introduction to Speech Communication
SPC	1600H	Honors Introduction to Speech Communication
SPC	1016	Business and Professional Speaking
SPC	1060	Public Speaking

B. **HUMANITIES/FINE ARTS – ..... 3 credits**
This requirement may be met my completing one of the 3 semester hour courses below:

ARH	2050	Art History I
ARH	2051	Art History II
*HUM	2210	Western Humanities I (Ancient through Renaissance)
*HUM	2210H	Honors Western Humanities I (Ancient through Renaissance)
*HUM	2233	Western Humanities II (Baroque to the Present)
*HUM	2233H	Honors Western Humanities II (Baroque to the Present)
HUM	2270	Humanities (East-West Synthesis)
HUM	2270H	Honors Humanities (East-West Synthesis)
MUH	1110	Introduction to Music
ORI	2000	Oral Interpretation of Literature
PHI	1010	Introduction to Philosophy
REL	2300	World Religions
THE	2000	Introduction to Theatre Arts
**HUM	2250	Humanities (Western Man)
**HUM	2250H	Honors Humanities (Western Man)

* Students who have received credit for HUM 2250 cannot also receive credit for HUM 2210 or HUM 2233.
**For students who completed HUM 2250 prior to Session I, 1996-97

C. **MATHEMATICS ..... 3 credits**
Any course with an MAC, MAP, MAS, MAT, MGF, MTG or STA prefix

D. **NATURAL SCIENCES** (no minimum credit hours required for general education for the AAS degree).

E. **SOCIAL AND BEHAVIORAL SCIENCES – ..... 3 credits**
This requirement may be met by completing one of the 3 semester hour courses below:

AMH	1091	African-American History
AMH	2010	History of the United States I
AMH	2020	History of the United States II
ANT	2000	Introduction to Anthropology
ANT	2410	Cultural Anthropology
ECO	2000	Introduction to Economics
ECO	2013	Principles of Macroeconomics
ECO	2013H	Honors Principles of Macroeconomics
EUH	1000	Development of Western Civilization I
EUH	1001	Development of Western Civilization II
POS	2041	American National Government
POS	2050H	Honors American National Government
POS	2112	State and Local Government
PSY	1012	General Psychology
SYG	2000	Introductory Sociology
SYG	2010	Social Problems
WOH	2040	The Twentieth Century

F. **ETHICS ..... 2–3 credits**

PHI	1603	Applied Ethics **OR** ..... 2 cr_____
PHI	1600 or PHI 1602H or PHI 1631 or PHI 2649	..... 3 cr_____

G. **COMPUTER/INFORMATION LITERACY COMPETENCY** (no minimum credit hours required). Computer/information literacy competency may be demonstrated by completing one of the following:
1. Passing a College approved Basic Computer/Information Skills Competency Test;
2. Successful completion of at least one of the following:
   a. CTS 1101 Basic Compute and /Information Literacy;
   b. CGS 1100 Microcomputer Applications (as revised in 2002) **or** LIS 1002, CGS 1510 **and** OST 1741.
   c. EME 2040 Introduction to Educational Technology (as revised in 2002), preferred for Education majors.

TOTAL (18 semester hours)
Programs may limit the options available under Mathematics, Humanities/Fine Arts and Social and Behavioral Sciences.

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BUSINESS TECHNOLOGIES PROGRAM

Martha Adkins, Program Director (CL), (727) 791-2530
Joseph Smiley, Program Director (TS), (727) 712-5813
Connie Szuch, Program Director (SP/G), (727) 341-4724

Some Business Technologies courses are taught only at specified campuses and others are offered only in the evening. Based upon equipment and demand, some computer courses may be taught at only one site.

The AAS degree programs and Certificate programs offered by Business Technologies are:

AAS DEGREES

Business and Administration
With options in:
Management
Marketing
Industrial Management Technology

COLLEGE CREDIT CERTIFICATES

Accounting Applications (ACCAP)
Business Administration (Veterinary Hospital Manager) (VHM)
CTE Programming (PROG)
CTE Software Systems Developer (SSD)
Computer/Network Support Technician (CNET)
LINUX System Administrator (LINUX)
Master CIW Enterprise Developer (WEEDV)
Master Certified Internet Web Administrator (MCIWA)
Master Certified Internet Webmaster Designer (MCIWD)
Microsoft Certified Application Developer (MCAD)
Microsoft Certified Database Administrator (MCDBA)
Microsoft Certified Office Specialist (MOS)
Microsoft Certified Solution Developer (MCSD)
Microsoft Certified Systems Administrator (MCSA)
Microsoft Certified Systems Engineer (MCSE)
Microsoft Certified Systems Engineer: Security (MCSE:S)
Network Security Plus (NETSEC+)
Network Systems Specialist (NETSY)
Oracle Certified Database Administrator (OCDBA)
Oracle Certified Database Developer (OCDEV)
Unix System Administrator (UNIX)
User Support Specialist (USS)
Web & E-Commerce Application Developer (WEADV)
Windows Programming (WINPR)

BUSINESS ADMINISTRATION AND MANAGEMENT

MANAGEMENT OPTION (MGMT-AAS) OR MARKETING OPTION (MKT-AAS)

ASSOCIATE IN APPLIED SCIENCE DEGREE

GENERAL EDUCATION REQUIREMENTS (24 credits)

ENC	1101	Composition I	3
ENC	1102	Composition II	3
SPC	1016	Business and Professional Speaking **OR** SPC 1600	3
Humanities/Fine Arts		Approved Course	3
Mathematics		One college-level course with an MAC,MAP, MAS, MAT, MGF, MTG or STA prefix	3
			3
ECO	2013	Principles of Macroeconomics	3
PHI	1631	Studies in Professional Ethics	3
CGS	1100	Microcomputer Applications	3

SUPPORT REQUIREMENTS (10 credits)

ACG	2021	Financial Accounting	3
ACG	2071	Managerial Accounting	3
ECO	2023	Principles of Microeconomics	3
Computer		One course with a CEN, CGS, CIS, COP or CTS prefix	1

CORE REQUIREMENTS (15 credits)

BUL	2241	Business Law I	3
GEB	1011	Introduction to Business	3
MAN	2021	Principles of Management	3
MAR	2011	Principles of Marketing	3
OST	2335	Professional Communication Skills	3

Total General Education, Support and Core Requirements **49**

Option A: Management (MGMT) (15 credits)

CGS	2103	Advanced Microcomputer Applications	3
GEB	2350	Survey of International Business	3
GEB	2935	Survey of Electronic Business	3
MAN	2340	Human Factors in Supervision	3
MAN	2933	Professional Business Process	3

TOTAL PROGRAM HOURS **64**

OR

Option B: Marketing (MKT) (15 credits)

MAR	1142	Global Marketing	3
MAR	2321	Advertising	3
MKA	2021	Salesmanship	3
MKA	2512	Sales Promotion and Public Relations	3
MKA	2949	Co-op Work Experience	3

TOTAL PROGRAM HOURS **64**

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INDUSTRIAL MANAGEMENT TECHNOLOGY (INMG-AAS)

ASSOCIATE IN APPLIED SCIENCE DEGREE

The Industrial Management Technology program is an articulated program with the Pinellas County School System designed to provide opportunities for students who have completed post secondary certificate work in a variety of technical areas. This degree provides persons currently working in industry an opportunity to pursue college level education that is appropriate for management roles and upward mobility in their respective fields.

GENERAL EDUCATION REQUIREMENTS (21 credits)

ENC	1101	Composition I	3
SPC	1016	Business and Professional Speaking **OR** SPC 1600	3
Humanities/Fine Arts Approved Course			3
Mathematics		One college-level MAC, MAT, MGF, MTG or STA prefix	3
Social & Behavioral Sciences Approved Course			3
PHI	1631	Studies in Professional Ethics	3
CGS	1100	Microcomputer Applications	3

PROGRAM REQUIREMENTS (15 credits)

ETI	1700	Industrial Safety	1
GEB	1011	Introduction to Business	3
MAN	2021	Principles of Management	3
MAN	2340	Human Factors in Supervision	3
MNA	1788	Problem Solving for Managers	1
OST	2335	Professional Communication Skills	3
Elective			1

Total SPC credits 36

Pinellas Technical Education Center

1. Credits from Approved Industrial Programs at Pinellas Technical Education Centers 24
   Certificate Program Clock Hours 1800*

   *For Industrial programs of less than 1800 contact hours, college credit will be awarded on the basis of a 75:1 ratio (i.e. 75 clock hours equals one college credit). For example, a 1200-hour program would lead to 16 college credits. Suggested electives are used to complete the 60 credits required for the A. A.S. degree.

   OR
2. Approved Registered Apprenticeship program
   a. 4+ years . . . . . (24)
   b. 3 years . . . . . (18)
   c. 2 years . . . . . (12)

   OR
3. Class A Water or Wastewater Treatment Operator Certificate issued by the State of Florida . . . . . (24)
   a. Class B (2 years) . . . . . (12)
   b. Class C (1 year) . . . . . (6)

   OR
4. Class A Water Distribution or Wastewater Collection or Stormwater Management System Operator Certificate issued by the Florida Water and Pollution Control Operator Association . . . . . (24)
   a. Class B (2 years) . . . . . (12)
   b. Class C (1 year) . . . . . (6)

   OR
5. International Municipal Signal Association (I.M.S.A.) Signs and Markings Specialist and Traffic Signal Technician Certificate program – Level 3 . . . . . (24)
   a. Level 2 . . . . . (12)
   b. Level 1 . . . . . (6)

TOTAL PROGRAM HOURS 60

SUGGESTED ELECTIVES

BUSINESS TECHNOLOGY

BUL	2131	Legal Environment of Business	3
CGS	1515	Spreadsheet Techniques and Programs	3
CGS	1520	Microcomputer Business Graphics	1
CGS	1540	Microcomputer Database Mgmt I	1
MAN	2949	Co-Op Work Experience	1-3
(Suggested for persons with no previous management experience)			
MNA	1744	Effective Project Management	1
MNA	1751	Customer Service I: Developing a Spirit of Customer Service	1
MNA	1771	Critical Skills for Supervisors	1
MNA	1774	Successful Performance Appraisal	1
MNA	1781	Effective Business Communications Skills	1
MNA	1784	Time Management for Increased Productivity	1
OST	1793	Internet Orientation	1

ENGINEERING TECHNOLOGY

CET	1071	Introduction to Telecommunications	3
EET	1084	Introduction to Electronics	3
ETI	1482C	Introduction to Integrated Manufacturing	3
ETI	1644	Production and Inventory Control	3

BUILDING ARTS

ARC	1211	The Building Arts	3
BCN	1050	Building Specifications	1
BCN	1272	Blueprint Reading	2
BCN	2068	ADA (Codes)	1
BCN	2014	OSHA (Codes)	1
BCT	1760	Building Codes	2

Additional courses may be chosen from appropriate technical fields with the approval of the program directors.

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COLLEGE CREDIT CERTIFICATES

BUSINESS TECHNOLOGY CERTIFICATES

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

ACCOUNTING APPLICATIONS CERTIFICATE (ACCAP-CT)

Job Related Opportunities:
- Accounting Clerk
- Bookkeeper
- Small Business AR/AP Professional

This Certificate is designed to prepare students for employment as a bookkeeper or accounting clerk in a small business environment. The Certificate prepares individuals in the principles, procedures, and theories of organizing and maintaining business and financial records and the preparation of accompanying financial reports in both a manual or computer automated environment. These courses will apply toward the AS degree in Accounting.

PROGRAM REQUIREMENTS

ACG	2021	Financial Accounting **OR**	3
ACG	2001	Applied Financial Accounting I **AND**	(3)
ACG	2011	Applied Financial Accounting II	(3)
ACG	2062	Microcomputer Accounting	3
ACG	2071	Managerial Accounting	3
ACG	2100	Intermediate Accounting I	3
ACG	2949	Co-op Work Experience **OR**	3
MAN	2340	Human Factors in Supervision	(3)
CGS	1100	Microcomputer Applications	3
ENC	1101	Composition I **OR**	3
OST	2335	Professional Communication Skills	(3)
Mathematics		One college level course with an MAC, MAT, MAP, MAS, MGF, MTG or STA prefix	3
TAX	2000	Introduction to Business Taxes	3
		TOTAL CERTIFICATE HOURS	**27**

BUSINESS ADMINISTRATION CERTIFICATE (VHM-CT)
Veterinary Hospital Manager Option

Job Related Opportunities:
- Certified Veterinary Practice Manager

The business courses identified in this Certificate program will meet the educational requirements for the Veterinary Hospital Managers Association examination for Certified Veterinary Practice Managers. The 8 courses will cover the areas of personnel, accounting and finance, marketing, legal requirements, and budgeting and planning.

PROGRAM REQUIREMENTS

ACG	2021	Financial Accounting	3
ATE	2949	Co-op Work Experience	3
BUL	2241	Business Law I	3
CGS	1100	Microcomputer Applications	3
GEB	1011	Introduction to Business	3
MAN	2021	Principles of Management	3
MAN	2340	Human Factors in Supervision	3
MAR	2011	Principles in Marketing	3
		TOTAL CERTIFICATE HOURS	**24**

CTE PROGRAMMING CERTIFICATE (PROG-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

The Certificate in Computer Programming, which requires six courses encompassing skills in Web design, object oriented programming, user interface design and evaluation, data structures and programming in C++, Java and Visual Basic, leads to positions typically titled "computer programmer."

All of the courses are embedded in a context of useful system development: students are continually reminded that software is built to meet requirements, and that it must be functional, usable, robust and maintainable.

These courses prepare the student for the I Carnegie Technology Examinations for Certification in Computer Programming.

The prerequisites for entry to the curriculum are basic computer usage skills: editing files, navigating a file system, and browsing the Web. Some courses may require a prerequisite that must be met by the student. These courses have lab fees.

PROGRAM REQUIREMENTS

CGS	1490	User Centered Design and Testing	3
CGS	1491	Data Structures and Algorithms	3
CGS	1492	Object Oriented Programming and Design	3
CGS	1493	Introduction to Computer Systems	3
CGS	2402	Programming in C++ for Business	3
COP	1006	Introduction to Information Systems	3
		TOTAL CERTIFICATE HOURS	**18**

CTE SOFTWARE SYSTEMS DEVELOPMENT CERTIFICATE (SSD-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:

- Programmer/Analyst
- System Designer
- Software Engineer

This is the 2nd tier certificate in the I Carnegie Curriculum and requires six courses, adding skills in system-level programming, databases, networks, distributed systems, Internet applications, software engineering methods and software project management.

The goal of the Software Systems Development curriculum is to prepare students for careers in software development. Accordingly, it not only incorporates the detailed skills and knowledge needed to work in the present-day software environment, but also stresses fundamental concepts that persist across rapid technology changes. All courses involve extensive hands-on assignments.

These courses prepare the student for the I Carnegie Examinations in Software Systems Development. Some of the courses have a substantial lab fee.

PROGRAM REQUIREMENTS

COP	1607	Software Specification, Test and Maintenance	3
COP	1610	System Level Programming	3
COP	1631	Networks and Distributed Computing	3
COP	1700	Database Systems	3
COP	2222	Advanced C++ Programming for Business **OR**	3
COP	2360	Introduction to C# Programming	(3)
MAN	1582	Software Project Organization and Management	3
		TOTAL CERTIFICATE HOURS	**18**

COMPUTER/NETWORK SUPPORT TECHNICIAN CERTIFICATE (CNET-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:

- Service Technician/Warranty Technician
- Sales Personnel/Reseller
- Help Desk Technician/Help Desk Manager
- Trainer
- Product Support/Product Line Manager

This certificate program prepares students for A+ Certification testing. A+ Certification is a testing program sponsored by the Computing Technology Industry Association, Inc. (CompTIA) that certifies the competency of service technicians in the computer industry. A+ Certification is backed by major computer hardware and software vendors, distributors, resellers and publications.

Earning Computer/Network Support Technician Certification implies the possession of knowledge, skills, and customer relations' skills essential for a successful computer service technician, as defined by experts from companies across the industry.

These courses will apply toward the AS degree in Computer Information Technology – Computer/Network Support Technician option.

PROGRAM REQUIREMENTS

CET	1171C	Personal Computer Systems Repair I	3
CET	1172C	Personal Computer Systems Repair II	3
CGS	1260	Computer Hardware Decisions	3
CGS	1263	LAN Concepts	3
CGS	1560	Microcomputer Operating Systems	3
COP	2403	P/C Assembler	3
		TOTAL CERTIFICATE HOURS	**18**

BASED UPON EQUIPMENT AND DEMAND, SOME COMPUTER COURSES MAY BE TAUGHT AT ONLY ONE SITE.

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LINUX SYSTEM ADMINISTRATOR CERTIFICATE (LINUX-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:

- Linux System Administrator
- Linux End-user Specialist
- Linux Support Specialist
- Linux System Manager
- Linux Application Developer

This certificate program is designed to produce certified Linux administrators and engineers. Students will participate in an integrated classroom and laboratory learning experience where they will learn and perform tasks required to administer and engineer Linux networked servers. These skills include the design, implementation, networking, managing, maintaining, providing services, providing applications, and security of a Linux based network environment.

Upon completion of the specified courses, students will be prepared to take certification exams throughout the program. Successful completion of the appropriate exams will earn students recognition as Certified Linux Administrators (Level I) and Certified Linux Engineers (Level II). The cost of testing is not included in tuition and special fees. Upon successful completion of all course work, students will be awarded a college certificate for this program. Each course has a $600 lab fee.

These courses will apply toward the AS degree in Networking Services Technology – LINUX option.

Some courses may require a prerequisite that must be met by the student.

PROGRAM REQUIREMENTS

COP	2340	Fundamentals of the Linux/Unix Operating Environment	3
COP	2344	Shell Programming for System Administrators	3
COP	2347	Linux/Unix Network Administration	3
CTS	2311	Linux/Unix System Security	3
CTS	2321	Linux System Administration I	3
CTS	2322	Linux System Administration II	3
	TOTAL CERTIFICATE HOURS		**18**

BASED UPON EQUIPMENT AND DEMAND, SOME COMPUTER COURSES MAY BE TAUGHT AT ONLY ONE SITE

MASTER CERTIFIED INTERNET WEBMASTER ADMINISTRATOR CERTIFICATE (MCIWA-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:

- Network Engineer
- Network Architect
- Internetworking Engineer
- LAN/WAN Administrator
- Systems Administrator
- Systems Manager
- Intranet Administrator
- Network System Administrator
- Firewall Administrator
- Application Developer
- IT Security Officer

Prerequisite: Student must take CGS 1824 Web Foundations first and all of its prerequisite courses.

The Master CIW Administrator certificate program is designed to prepare the student for a job in Internet Administrative Services. This program teaches foundational Internet services and management concepts in NT, Linux as well as configuration of Domain Name Service (DNS) services. Students learn how to configure Web, Newsgroup, e-mail and proxy servers; receive in-depth understanding of how to connect e-commerce databases to a web server; and learn how to enable CGI on NT and Linux. Transmission Control Protocol/Internet Protocol (TCP/IP) Concepts and Practices focus on routing, network troubleshooting, network management and next generation Internet protocol technologies. Internet Security courses focus on such topics as network security, firewalls, security auditing, attacks and threat analysis. These courses prepare the student for industry certification examinations offered by the Certified Internet Webmaster program. Each course has a $225 lab fee.

These courses will apply toward the AS degree in Internet Services Technology – CIW Master Administrator option.

PROGRAM REQUIREMENTS

CEN	1511	Introduction to Server Administrator	3
CEN	1514	Introduction to TCP/IP Concepts & Practices	3
CEN	1543	Introduction to Internetworking Security	3
CEN	2513	Advanced Server Administrator	3
CEN	2520	Advanced TCP/IP Concepts and Practices	3
CEN	2525	Advanced Internetworking Security	3
		TOTAL CERTIFICATE HOURS	**18**

MASTER CERTIFIED INTERNET WEBMASTER DESIGNER CERTIFICATE (MCIWD-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:

- Web Author
- Marketing and Communications Professional
- PR Profession
- Graphic Designer
- Desktop Designer
- Technical Writer
- Library Scientist

The Web Foundations and Advanced Web Page Creation courses require prior experience or prerequisite courses.

This certificate program is designed to produce a Master Certified Internet Webmaster (CIW) Designer. This program prepares the student to take Certified Internet Webmaster examinations endorsed by the International Webmasters Association specific to Internet site design methodologies. The Foundations course offers a broad understanding of Internet Fundamentals, Internet Browsers, Advanced Business Internet Fundamentals, Hypertext Fundamentals (HTML) and Network Fundamentals.

The Site Designer courses prepare the student for work as a Website Designer in site design concepts, writing HTML code and use of HTML software editor programs. The E-commerce courses teach the student how to conduct business online, understand web based payment systems and website marketing. Most courses have a $225 lab fee.

These courses will apply toward the AS degree in Internet Services Technology – CIW Master Designer option.

PROGRAM REQUIREMENTS

CGS	1172	E-Commerce Site Designer I	3
CGS	1824	Web Foundations	3
CGS	2173	E-Commerce Site Designer II	3
CGS	2820	Site Designer I	3
CGS	2821	Site Designer II	3
COP	2823	Advanced Web Page Creation	3
		TOTAL CERTIFICATE HOURS	**18**

BASED UPON EQUIPMENT AND DEMAND, SOME COMPUTER COURSES MAY BE TAUGHT AT ONLY ONE SITE.

MICROSOFT CERTIFIED APPLICATION DEVELOPER CERTIFICATE (MCAD-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:

- Junior Programmer
- Programmer/Analyst
- Software Developer

The Microsoft Certified Application Developer (MCAD) credential is for those who use Microsoft tools and technologies to develop and maintain department-level applications, components, Web or desktop clients, or back-end data services. They also work in teams developing enterprise applications. Typical occupations include entry level programming positions.

The MCAD credential was created in response to industry demand for a certification that allows developers to show they have the skills necessary to successfully implement functional specifications and build, deploy, and maintain Windows and Web applications. All requirements of MCAD apply to MCSD as well, with MCSD requiring added training.

As a MCAD for Microsoft .NET candidate, **you will be required to pass two core exams and one elective exam in your area of specialization**. To fulfill the core certification requirements, pass one exam focused on either Web application development or Windows-based application development in the language of your choice. Then, pass one XML Web services and server components exam. Passing one elective exam is also required.

These courses will apply toward the AS degree in Database Technology – Microsoft Certified Solution Developer option and the Microsoft Certified Solution Developer Certificate.

Some of these courses may have a $695 lab fee. Refer to the Finance section of the College catalog. Some courses may require a prerequisite that must be met by the student.

* It is recommended that students take at least one C++ course or have experience in the language.

PROGRAM REQUIREMENTS

COP	2705	Programming a Database on Microsoft SQL Server	3
COP	2837	Visual Basic.NET Programming I	3
COP	2838	Visual Basic.NET Programming II	3
COP	2839	ASP.NET Programming with VB.Net	3
CTS	2821	XML Web Services and ADO.NET	3
		TOTAL CERTIFICATE HOURS	**15**

MICROSOFT CERTIFIED DATABASE ADMINISTRATOR CERTIFICATE (MCDBA-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

This certificate program is the premier qualification for professionals who implement and administer Microsoft SQL Server databases. The certification program applies to those who derive physical database designs, develop logical data models, create databases, manage and maintain databases, configure and manage security, monitor and optimize databases and install and configure SQL Server. This Microsoft MCDBA certificate requires passage of four (4) Microsoft exams. Upon completion of specified courses, the student will be prepared to take official Microsoft exams. Upon successful completion of all course work, students will be awarded a college certificate for this program. There is a $695 lab fee for all courses. Some courses may require a prerequisite that must be met by the student.

These courses will apply toward the AS degree in Database Technology – Microsoft Certified Database Administrator option.

PROGRAM REQUIREMENTS

CEN	1300	Implementing & Supporting MS Windows XP Professional	3
CEN	1301	Managing and Maintaining a Microsoft Windows Server 2003 Environment	3
CEN	1303	System Administration for Microsoft SQL Server	3
CEN	1304	Implementing, Managing and Maintaining a Microsoft Windows Server 2003 Network Infrastructure	3
COP	2705	Programming a Database on Microsoft SQL Server	3
		TOTAL CERTIFICATE HOURS	**15**

BASED UPON EQUIPMENT AND DEMAND, SOME COMPUTER COURSES MAY BE TAUGHT AT ONLY ONE SITE.

MICROSOFT CERTIFIED OFFICE SPECIALIST CERTIFICATE (MOS-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:

- Preparation for Microsoft Certified exams
- Technical occupations in executive, legal and medical administrative fields
- Office specialist, information manager, data processing analyst
- Entry level systems analyst positions
- Software Applications Expert
- Train the Trainer

This certificate program is an application certification program designed for individuals interested in gaining expertise in Word 2002, Excel 2002, PowerPoint 2002, Access 2002, Outlook 2002 and Office XP Integration software. The program provides an opportunity for students and incumbent workers to gain valuable job credentials and complement their workplace skills with the most current computer-based applications. The courses are developed to include business assignments, document production exercises and relevant experiences that duplicate on-the-job performance expectations and are tied to the certification criteria.

There are one or two levels within the specialist examination schedule of the Office XP software—the "Core" user level, which indicates that you can handle a wide range of standard tasks, and the "Expert" user level, which indicates the ability to handle more complex assignments that require knowledge about the advanced features of an application.

Upon successful completion of each application course, the student will be prepared to take one or two official Microsoft tests for that application. These tests are not included in the cost of the course. Upon completion of all required courses, the student will be awarded a college certificate for this program.

These courses will apply toward the AS degree in Computer Information Technology – Microsoft Certified Office Specialist option.

Some courses may require a prerequisite that must be met by the student.

PROGRAM REQUIREMENTS

CGS	1930	Micro Systems Software	1
CGS	2103	Advanced Microcomputer Applications	3
CTS	2220	Advanced Word (Microsoft Specialist)	3
CTS	2261	Advanced Excel (Microsoft Specialist)	3
CTS	2431	Advanced Access (Microsoft Specialist)	3
CTS	2570	Advanced PowerPoint (Microsoft Specialist)	3
CTS	2760	Outlook (Microsoft Specialist)	1
OST	1793	Internet Orientation	1
		TOTAL CERTIFICATE HOURS	**18**

MICROSOFT CERTIFIED SOLUTION DEVELOPER CERTIFICATE (MCSD-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:

- Software Developer
- Systems Analyst
- Computer Programmer

The Microsoft Certified Solution Developer is a certificate offered by Microsoft to show that the person is qualified to design and develop custom business solutions with Microsoft development tools, technologies and platforms, including Microsoft Office and Microsoft Back Office. A typical MCSD is an individual who has both systems architecture and hands-on technology skills. MCSD requires passage of one core Windows exam on topics such as Database methodology, Windows 32-bit architecture, Component object model, ActiveX, User interface design and Internet/Intranet components; and two exams on Visual Basic, C++, J++ or FoxPro and one elective.

Upon completion of specified courses, students will be prepared to take official Microsoft tests. The cost of testing is not included in tuition and special fees. Upon successful completion of all course work, students will be awarded a college certificate for this program.

These courses will apply toward the AS degree in Database Technology – Microsoft Certified Solution Developer option.

Some of these courses may have a $695 lab fee. Refer to the Finance section of the College catalog. Some courses may require a prerequisite that must be met by the student.

* It is recommended that students take at least one C++ course or have experience in the language.

PROGRAM REQUIREMENTS

CEN	2331	Distributed Application And Database Design Using Microsoft Tools	3
COP	2705	Programming A Database on Microsoft SQL Server	3
COP	2837	Visual Basic.NET Programming I	3
COP	2838	Visual Basic.NET Programming II	3
COP	2839	ASP.NET Programming with VB.Net	3
CTS	2820	Building Com+ Windows Components Using Visual Studio.NET	3
CTS	2821	XML Web Services and ADO.NET	3
		TOTAL CERTIFICATE HOURS	**21**

BASED UPON EQUIPMENT AND DEMAND, SOME COMPUTER COURSES MAY BE TAUGHT AT ONLY ONE SITE.

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MICROSOFT CERTIFIED SYSTEMS ADMINISTRATOR CERTIFICATE (MCSA-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:
- Network Administrator
- Private consultant in Microsoft Windows Server 2003

This certificate program is designed to produce a Microsoft Certified Systems Administrator, MCSA. An MCSA is recognized in the computer industry as one who is competent to maintain and administer Windows operating systems.

Upon completion of specified courses, students will be prepared to take official Microsoft tests throughout the program. The cost of testing is not included in tuition and special fees. Upon successful completion of all course work, students will be awarded a college certificate for this program. There is a $695 lab fee for each course.

These courses will apply toward the AS degree in Networking Services Technology – MCSA option.

PROGRAM REQUIREMENTS

CGS	1263	Local Area Network Concepts	3
CEN	1300	Implementing and Supporting Microsoft Windows XP Professional	3
CEN	1301	Managing and Maintaining a Microsoft Windows Server 2003 Environment	3
CEN	1304	Implementing, Managing and Maintaining a Microsoft Windows Server 2003 Network Infrastructure	3
CEN	1305	Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure	3
Select 3 credits:			
CEN	XXXX	Any CEN course not already required	3
		TOTAL CERTIFICATE HOURS	**18**

MICROSOFT CERTIFIED SYSTEMS ENGINEER CERTIFICATE (MCSE-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:
- Network Administrator
- Network Designer
- Network Manager
- Private consultant in Microsoft Windows Server 2003

This certificate program is designed to produce a Microsoft Certified Systems Engineer, MCSE. An MCSE is recognized in the computer industry as one who is competent to install and maintain Windows operating systems.

Upon completion of specified courses, students will be prepared to take official Microsoft tests throughout the program. The cost of testing is not included in tuition and special fees. Upon successful completion of all course work, students will be awarded a college certificate for this program. Each course has a $695 lab fee.

These courses will apply toward the AS degree in Networking Services Technology – MCSA, MCSE or MCSE:S options.

PROGRAM REQUIREMENTS

CEN	1300	Implementing & Supporting Microsoft Windows XP Professional	3
CEN	1301	Managing and Maintaining a Microsoft Windows Server 2003 Environment	3
CEN	1304	Implementing, Managing and Maintaining a Microsoft Windows Server 2003 Network Infrastructure	3
CEN	1305	Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure	3
CEN	1320	Planning, Implementing and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure	3
Select 6 credits:			
One course must be CEN 1321 or CEN 1323			
CEN	1321	Designing a Microsoft Windows 2003 Active Directory and Network Infrastructure **OR**	(3)
CEN	1323	Designing Security for a Microsoft Windows Server 2003 Network	(3)
CEN	1303	System Administration for Microsoft SQL Server	(3)
CEN	1306	Implementing and Managing Microsoft Exchange Server 2003	(3)
CEN	1307	Creating and Configuring a Web Server Using Microsoft Tools	(3)
CEN	1309	Supporting Microsoft Systems Management Server	(3)
CEN	1310	Fundamentals of Developing a B2C Solution with Microsoft Commerce Server 2000	(3)
CEN	1316	Designing and Deploying a Microsoft Exchange Server Organization	(3)
COP	2705	Programming a Database on Microsoft SQL Server	(3)
CTS	1812	Developing and Deploying Microsoft Biz Talk Server 2000 Solutions	(3)
		TOTAL CERTIFICATE HOURS	**21**

BASED UPON EQUIPMENT AND DEMAND, SOME COMPUTER COURSES MAY BE TAUGHT AT ONLY ONE SITE.

MICROSOFT CERTIFIED SYSTEMS ENGINEER: SECURITY CERTIFICATE (MCSE:S-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:
- Network Security Administrator
- Network Security Designer
- Network Manager
- Private security consultant

This certificate program is designed to produce a Microsoft Certified Systems Engineer, MCSE with special skills in the Microsoft Windows security area. An MCSE: Security is recognized in the computer industry as one who is competent to install and maintain Windows operating systems to ensure a secure environment.

Upon completion of specified courses, students will be prepared to take official Microsoft tests throughout the program. The cost of testing is not included in tuition and special fees. Upon successful completion of all course work, students will be awarded a college certificate for this program. Each course has a $695 lab fee.

These courses will apply toward the AS degree in Networking Services Technology – MCSA; MCSE and MCSE: Security options.

PROGRAM REQUIREMENTS

CEN	1300	Implementing & Supporting Microsoft Windows XP Professional	3
CEN	1301	Managing and Maintaining a Microsoft Windows Server 2003 Environment	3
CEN	1304	Implementing, Managing and Maintaining a Microsoft Windows Server 2003 Network Infrastructure	3
CEN	1305	Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure	3
CEN	1320	Planning, Implementing and Maintaining a MS Windows Server 2003 Active Directory Infrastructure	3
CEN	1321	Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure	3
CEN	1323	Designing Security for a Microsoft Windows Server 2003 Network	3
CTS	1313	Fundamentals of Network Security with Microsoft ISA Server	3
		TOTAL CERTIFICATE HOURS	**24**

NETWORK SECURITY PLUS (NETSEC+-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:
- Information Security Manager
- Computer Deployment
- Security Engineer
- Security Consultant
- Network Security Administrator
- Vulnerability Tester

This program prepares students for the Network+ certification testing and Security+ certification testing. Network+ and Security + certifications are testing programs sponsored by the Computing Technology Industry Association Inc. (CompTIA) that certifies the competency of individuals possessing the knowledge needed to configure and install network components. Network+ is recognized by major vendors, distributors, resellers and publishing companies.

According to the most recent information from the Florida Department of Labor & Employment, computer and computer-related occupations are projected to be the fastest-growing industries throughout the nation. The growth in the use of networks has been fueled by the businesses' need to provide timely access to information, both inside and outside the enterprise. In the past, existing staff was used to administer and troubleshoot networks. However, with growth and rapid change in this area being driven by the popularity of multimedia applications in areas such as electronic documents, video conferencing, and workflow, employers are now seeking specialists in networking operations.

These courses will apply toward the A.S. Degree in Computer Information Technology, Network Security option.

PROGRAM REQUIREMENTS

CGS	1260	Hardware Decisions	3
CGS	1263	LAN Concepts	3
CGS	1560	Microcomputer Operating Systems	3
CET	1588	Internet Technologies	3
CET	2663	Network Security Fundamentals	3
CET	2883	Network Security Advanced	3
		TOTAL CERTIFICATE HOURS	**18**

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NETWORK SYSTEMS SPECIALIST CERTIFICATE (NETSY-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:

- Network Systems Analyst
- Network End-user Specialist
- Network Support Specialist
- Network Manager
- Computer Communication Specialist

This program prepares students for the Network+ certification testing. Network+ certification is a testing program sponsored by the Computing Technology Industry Association Inc. (CompTIA) that certifies the competency of individuals possessing the knowledge needed to configure and install network components. Network+ is recognized by major vendors, distributors, resellers and publications.

According to the most recent information from the Florida Department of Labor & Employment, computer and computer-related occupations are projected to be the fastest-growing industries throughout the nation. The growth in the use of networks has been fueled by the businesses' need to provide timely access to information, both inside and outside the enterprise. In the past, existing staff was used to administer and troubleshoot networks. However, with growth and rapid change in this area being driven by the popularity of multimedia applications in areas such as electronic documents, video conferencing, and workflow, employers are now seeking specialists in networking operations.

These courses will apply toward the AS degree in Networking Services Technology – Network Systems Specialist option.

PROGRAM REQUIREMENTS

CDA	2500	Data Communications	3
CEN	2523	LAN Administration	3
CEN	2524	LAN Troubleshooting	3
CGS	1100	Microcomputer Applications	3
CGS	1263	LAN Concepts	3
CGS	1560	Microcomputer Operating Systems	3
TOTAL CERTIFICATE HOURS			**18**

BASED UPON EQUIPMENT AND DEMAND, SOME COMPUTER COURSES MAY BE TAUGHT AT ONLY ONE SITE.

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ORACLE CERTIFIED DATABASE ADMINISTRATOR CERTIFICATE (OCDBA-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Oracle is the world's second largest software company and the leading supplier of software for enterprise information management. Oracle certified administrators and programmers are among the highest paid professionals in the information technology industry. After completing this program, students will be prepared to take the Oracle Certification exam for the completed track. The cost of testing is not included in tuition and special fees.

A typical Oracle Database Administrator (ODBA) would be employed to ensure that an employer's Oracle database system was operating correctly and efficiently and that the database's security was ensured. The ODBA would also be in charge of allowing users differing levels of access to the database and ensuring that users would be correctly and efficiently connected to the database.

Upon completion of the Oracle Database Administrator program, the student is awarded a college certificate. These courses will apply toward the AS degree in Database Technology – Oracle Certified Database Administrator option.

These courses have lab fees. Refer to the Finance section of the College catalog. Some courses may require a prerequisite that must be met by the student.

PROGRAM REQUIREMENTS

COP	2740	Introduction to Oracle: SQL & PL/SQL	3
COP	2741	Oracle Fundamentals I: Architecture and Administration	3
COP	2742	Oracle Fundamentals II: Backup and Recovery with Networking	3
COP	2744	Oracle Performance Tuning	3
COP	2763	Oracle Net Services: Advanced Administration	3
		TOTAL CERTIFICATE HOURS	**15**

ORACLE CERTIFIED DATABASE DEVELOPER CERTIFICATE (OCDEV-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

After completing the courses in this program, students will be prepared to take the Oracle Certification exam for the completed track. The cost of testing is not included in tuition and special fees.

An Oracle Database Developer is a programmer specializing in Oracle software. A typical Oracle Database Developer would create Oracle databases to contain and distribute data to users. The Developer would also create the programs to allow users to input data to and retrieve data from an Oracle database.

Upon completion of the Oracle Database Developer program, the student is awarded a college certificate. These course will apply toward the AS degree in Database Technology – Oracle Certified Database Developer.

These courses have lab fees. Refer to the Finance section of the College catalog.

PROGRAM REQUIREMENTS

COP	2740	Introduction to Oracle: SQL & PL/SQL	3
COP	2745	Oracle 9i: Program with PL/SQL	3
COP	2746	Oracle 9i Forms Developer: Build Internet Applications I	3
COP	2747	Oracle 9i Forms Developer: Build Internet Applications II	3
COP	2748	Oracle 9i Reports Developer: Build Reports	3
		TOTAL CERTIFICATE HOURS	**15**

BASED UPON EQUIPMENT AND DEMAND, SOME COMPUTER COURSES MAY BE TAUGHT AT ONLY ONE SITE.

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UNIX SYSTEM ADMINISTRATOR CERTIFICATE (UNIX-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:

- Sun System Administrator for Solaris
- Sun Network Administrator for Solaris
- Unix System Administrator
- Unix Network Administrator

This certificate program is designed to produce industry certified system administrators and network administrators for Unix operating environments. Students will participate in an integrated classroom and laboratory learning experience where they will learn and perform tasks required to administer Unix operating environments. These skills include the design, implementation, networking, managing, maintaining, providing services, providing applications, and security of a Unix Operating Environment.

Upon completion of the specified courses, students will be prepared to take certification exams throughout the program. Successful completion of the appropriate exams, will earn students recognition as industry certified system administrators and industry certified network administrators. The cost of testing is not included in tuition and special fees. Upon successful completion of all course work, students will be awarded a college certificate for this program. Each course has a $600 lab fee.

These courses will apply toward the AS degree in Networking Services Technology - Unix option.

Some courses may require a prerequisite that must be met by the student.

PROGRAM REQUIREMENTS

COP	2340	Fundamentals of the Linux/Unix Operating Environment	3
COP	2341	Unix System Administration I	3
COP	2344	Shell Programming for System Administrators	3
COP	2345	Unix System Administration II	3
COP	2347	Linux/Unix Network Administration	3
CTS	2311	Linux/Unix System Security	3
		TOTAL CERTIFICATE HOURS	**18**

USER SUPPORT SPECIALIST CERTIFICATE (USS-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:

- Help Desk Administrator
- Software Trainer
- Equipment Support Specialist
- Network Support Assistant

This certificate program is designed to provide the student with a broad foundation of the six major fields of study in Information Technology. The program is designed for completion within a one-year schedule.

Upon completion of the program the student will have attained an extremely broad and thorough foundation of the I.T. industry. The student will be well prepared to seek entry-level employment in practically any area requiring computer skills and/or knowledge.

These courses will apply toward the AS degree in Computer Information Technology – User Support Specialist option.

Some courses may require a prerequisite that must be met by the student.

PROGRAM REQUIREMENTS

CGS	1100	Microcomputer Applications	3
CGS	1260	Computer Hardware Decisions	3
CGS	1263	Local Area Network Concepts	3
CGS	1560	Microcomputer Operating Systems	3
CGS	2402	Programming in C++ for Business **OR**	3
COP	2250	JAVA Programming I	(3)
COP	1822	Introduction to Web Page Creation	1
OST	1793	Internet Orientation	1
OST	1810	Desktop Publishing I	1
		TOTAL CERTIFICATE HOURS	**18**

BASED UPON EQUIPMENT AND DEMAND, SOME COMPUTER COURSES MAY BE TAUGHT AT ONLY ONE SITE.

WEB & E-COMMERCE APPLICATION DEVELOPER CERTIFICATE (CIW APPLICATION DEVELOPER) (WEADV-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:
- Webmaster
- Software Developer
- Application Developer
- Application Programmer
- Client/server Developer
- Desktop Publisher

The Web Foundations and Advanced Web Page Creation courses require prior experience or prerequisite courses.

This program provides a course of study in Advanced Internet Website Development Languages. The Certified Internet Webmaster (CIW) Application Developer program consists of three separate industry certification examinations including JavaScript, Practical Extraction and Report Language (PERL) and application (server-side) development. The Web & E-Commerce Application Developer Certificate program offers the student topical study in preparation for taking the CIW industry certification examinations. JavaScript Fundamentals teaches the student how to write JavaScript programs, use the features of the JavaScript language and design client-side, platform-independent solutions. Students will also learn PERL language fundamentals. Using these languages students learn how to write print-to-screen scripts, customize Web page hit counters, manipulate data in a database, work with Open Database Connectivity (ODBC) and explore Web server security issues related to Common Gateway Interface (CGI) files and Active Server Pages. Most courses have a $225 lab fee.

These courses will apply toward the AS degree in Internet Services Technology – CIW Application Developer option.

PROGRAM REQUIREMENTS

CGS	1824	Web Foundations	3
COP	1001	PERL Fundamentals	3
COP	1803	JavaScript Fundamentals	3
COP	1830	Dynamic Server Pages	3
COP	2823	Advanced Web Page Creation	3
CTS	1103	Fundamentals of CGI Using Perl	3
		TOTAL CERTIFICATE HOURS	**18**

WEB & E-COMMERCE ENTERPRISE DEVELOPER CERTIFICATE (CIW MASTER ENTERPRISE DEVELOPER) (WEEDV-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:
- Database Developer
- Internet Application Developer
- Database Architect
- Middleware Programmer
- Database Administrator
- Java Developer
- Client/Server Developer
- Sun Java Programmer

Prerequisites: CGS 1824 Web Foundations and Web and E-Commerce Application Developer Certificate (WEADV-CT) or CIW Applications Developer Certification or prior experience required with the approval of the program director.

The Web & E-Commerce Enterprise Developer Certificate program provides a course of study in advanced Internet website development languages. Students will also be prepared for the Certified Internet Webmaster (CIW) Master Enterprise Developer Certification that consists of four industry standard examinations including Sun's entry level Java Exam, Analysis and Design, Database Specialist and Enterprise Specialist. Students will learn how to create interactive web pages using client- and server-side web applications; access relational database systems from web applications; implement applications using component technology; perform database administration and maintenance; and create parameters for environment variables. Each course has a $225 lab fee.

These courses will apply toward the AS degree in Internet Services Technology – CIW Enterprise Developer option.

PROGRAM REQUIREMENTS

COP	1361	Object Oriented Analysis and Design	3
COP	2253	Java Programming Fundamentals	3
COP	2712	Database Design Methodology	3
COP	2807	Distributed Object Computing Using CORBA and Java	3
COP	2809	Enterprise JavaBeans	3
CTS	2432	Building Database Client Applications Using JDBC	3
		TOTAL CERTIFICATE HOURS	**18**

BASED UPON EQUIPMENT AND DEMAND, SOME COMPUTER COURSES MAY BE TAUGHT AT ONLY ONE SITE.

WINDOWS PROGRAMMING CERTIFICATE (WINPR-CT)

Martha Adkins, Program Director, CL, (727) 791-2530
Joseph Smiley, Program Director, TS, (727) 712-5813
Connie Szuch, Program Director, SPG, (727) 341-4724

Job Related Opportunities:
- Entry-level C++ or Visual Basic programmer
- Preparation for Microsoft Certified exams
- Transition from DOS programming to Windows
- Knowledge of programming for project management

This certificate is designed to develop student proficiency in Windows programming using C++, Visual Basic and Java. Upon completion of the program the student will be expected to enter the job market as an entry-level programmer for Windows 95, Windows 98, Windows Millennium, Windows NT or Windows 2000.

Microsoft Windows has become the operating system under which most new computers are sold. Consequently, there has been an increased demand for Windows programmers. This trend has been accentuated by Internet and related Graphical User Interface (GUI)-based developments and will continue to be a part of the computer environment for the foreseeable future.

Programmers are finding it necessary to upgrade their skills to remain competitive in the job market. Microsoft offers certification in its software languages, and taking these courses will provide the student with the foundation on which to build the skills necessary to pass the certification tests.

PROGRAM REQUIREMENTS

COP	2837	Visual Basic.Net Programming I	3
COP	2838	Visual Basic.Net Programming II	3
COP	2839	ASP.NET Programming With VB.NET	3
CIS	2321	Systems Analysis and Design	3
	OR		
COP	2250	Java Programming I	(3)
COP	2800	Java Programming II	(3)
COP	2802	Java Server Pages and Servlets	(3)
COP	2821	Systems Analysis and Design	(3)
Select 6 credits:			
COP	2250	Java Programming I **AND**	(3)
COP	2800	Java Programming II	(3)
	OR		
COP	2837	Visual Basic. Net Programming I **AND**	(3)
COP	2838	Visual Basic.Net Programming II	(3)
	OR		
CGS	2402	Programming in C++ for Business AND	(3)
COP	2222	Advanced C++ Programming for Business	(3)
	OR		
CGS	2402	Programming in C++ for Business AND	(3)
COP	2360	Introduction to C# Programming	(3)

TOTAL PROGRAM HOURS 18

CIW INFORMATION TECHNOLOGY (IT) SECURITY CERTIFICATE (CIWIT-CT)

Paul Harris, Instructor-in-Charge, (727) 341-4462

Job Related Opportunities:
- Systems Administrator
- Systems Security Professional
- IT Security Analyst
- Information Security Specialist
- IT Security Manager
- IT Security Consultant

The prerequisites for entry are basic computer usage skills: editing files, navigating a file system, browsing the Web, basic knowledge of networking, and working knowledge or training in the Unix operating system

This certificate emphasizes understanding and demonstrated skills of the following concepts related to IT security: Internet business fundamentals, basic HTML (HyperText Markup Language); networking fundamentals; principles and implementation of network security and data protection; firewall technologies; topology designs; securing Windows 2000 and Linux systems; vulnerability assessments; current hacker techniques; auditing network and hosts; and classifying new threats. The courses include tasks that will enhance the students' ability to interpret data and information from various sources and create reports based upon this information.

This program will help prepare students to take the CIW Foundation exam which, when passed, leads to a CIW Associate certification and to prepare students for the CIW Security Professional exam. These exams and certifications are industry-recognized, acknowledging competency and professionalism in Internet technologies and security issues. There are lab fees associated with these courses.

These courses will apply toward the AS degree in Internet Services Technology – CIW Information Technology (IT) Security option.

PROGRAM REQUIREMENTS

CEN	1543	Introduction to Internetworking Security	3
CEN	2525	Advanced Internetworking Security	3
CGS	1824	Web Foundations	3
CIS	1353	Network Security Auditing, Attacks, and Threat Analysis	3
CIS	1356	Network Security and Firewalls	3
CIS	1358	Operating System Security	3

TOTAL CERTIFICATE HOURS 18

BASED UPON EQUIPMENT AND DEMAND, SOME COMPUTER COURSES MAY BE TAUGHT AT ONLY ONE SITE.

INFORMATION TECHNOLOGY (IT) PROJECT MANAGEMENT CERTIFICATE (ITPM-CT)

Paul Harris, Instructor-in-Charge, (727) 341-4462

Job Related Opportunities:
- IT Project Manager
- Computer Systems Manager
- IT Business Analyst
- IT Project Leader
- IT Project Consultant

This certificate program requires six courses and emphasizes understanding and demonstrated skills of the following concepts related to IT project management, project planning, tracking and implementation; using software tools to manage projects; processes for managing quality in projects, project team communication, motivation, and performance; e-business issues, models, processes, and implementation; understanding enterprise resource planning systems, and successful implementation with total quality management (TQM). The courses include tasks that will enhance the students' ability to interpret data and information from various sources and create reports based upon this information.

The prerequisites for entry to the curriculum are basic computer usage skills: editing files, navigating a file system, and browsing the Web. This certificate program will also prepare students for the CompTIA's IT Project+ certification which is an industry-recognized credential acknowledging competency and professionalism in IT Project Management. These courses will apply towards the AS degree in Information Technology (IT) Project Management.

PROGRAM REQUIREMENTS

CGS	1103	Project Management Using Software Tools	3
ISM	1311	Foundations of IT Project Management	3
ISM	1484	E-Business for IT Project Managers	3
ISM	1531	Enterprise Resource Planning for IT Managers	3
MAN	1044	Managing Project Quality	3
MAN	1122	Leadership Skills for Project Managers	3
		TOTAL CERTIFICATE HOURS	**18**

IT QUALITY ASSURANCE AND SOFTWARE TESTING CERTIFICATE (ITQAS-CT)

Paul Harris, Instructor-in-Charge, (727) 341-4462

Job Related Opportunities:
- Business Analyst
- Quality Assurance Analyst
- Software Tester
- Software Developer
- Software Engineer
- E-Commerce Web Site Developer
- IT Manager
- Risk Manager

This on-line certificate program is designed for the software professional to introduce the principles and practices of Quality Assurance (QA). The Quality Assurance Institute (QAI) is a professional organization established to represent the quality assurance professional. This SPC certificate prepares the student for the QAI Certified Software Test Engineer (CSTE) and/or the QAI Certified Software Quality Analyst (CSQA) certification examination. The CSTE and CSQA certification is a formal recognition of a level of proficiency in the Information Technology software testing industry. To obtain certification from QAI there are additional requirements. Please visit the QAI website at: www.softwarecertifications.com for more detailed information. The recipient is acknowledged as having an overall basic comprehension of the Common Body of Knowledge (CBOK) for the Information Technology Software Testing Profession. Courses needed to complete the certificate program fit into a one-year schedule. The lab fee for each course is $275.

These courses apply toward the AS degree in Computer Programming and Analysis – IT Quality Assurance and Software Testing option.

PROGRAM REQUIREMENTS

COP	1606	Quality Assurance Software Testing Concepts	3
COP	1608	Methods of Software System Testing	3
ISM	1322	Software Development Risk Assessment and Management	3
MAN	1551	Introduction to Quality Assurance	3
MAN	1552	Quality Assurance Work Processes and Standards	3
MAN	1553	Improving Quality and Productivity Using Measurement	3
		TOTAL CERTIFICATE HOURS	**18**

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INFORMATION TECHNOLOGY (IT) SECURITY CERTIFICATE (ITSEC-CT)

Paul Harris, Instructor-in-Charge, (727) 341-4462

Job Related Opportunities:

- Systems Security Professional
- IT Security Analyst
- Information Security Specialist
- IT Security Architect
- IT Security Manager
- IT Security Risk Manager
- IT Security Consultant

The prerequisites for entry are basic computer usage skills: editing files, navigating a file system, browsing the Web, basic knowledge of networking, and working knowledge or training in the Unix operating system

This certificate emphasizes understanding and demonstrated skills of the following concepts related to IT security: security policies, intrusion detection systems, router security, TCP/IP (Transmission Control Protocol/Internet Protocol), and network security basics; implementing and managing a firewall; auditing tools; basics of cryptography, biometrics, and file encryption; hardware and software designed to secure information network systems; and legal aspects of IT security. The courses include tasks that will enhance the students' ability to interpret data and information from various sources and create reports based upon this information.

The program is also designed to assist students in preparing for various IT Security certification exams, such as the CISSP (Certification for Information System Security Professional), SSCP (Systems Security Certified Practitioner), SCNP (Security Certified Network Professional), SCNA (Security Certified Network Architect), and CIW (Certified Internet Webmaster) Security Professional exams. There is a $695 lab fee for each course.

These course will apply toward the AS degree in Computer Engineering Technology – IT Security option.

PROGRAM REQUIREMENTS

CET	2691	Laws and Legal Aspects of Information Technology Security	3
CIS	1350	Network Defense and Countermeasures	3
CIS	1353	Network Security Auditing, Attacks, and Threat Analysis	3
CIS	1354	Introduction to Network Security Foundations	3
CIS	1355	Security Engineering	3
CIS	1356	Network Security and Firewalls	3
CIS	1358	Operating System Security	3
	TOTAL CERTIFICATE HOURS		**21**

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COMPUTER ENGINEERING

CISCO CERTIFIED NETWORK ASSOCIATE CERTIFICATE (CCNA-CT)

Matthew J. Basham, Program Director (727) 549-6160

Job Related Opportunities:

- Field Engineering Technician
- Network Administrator I
- Network Engineer I
- Network Manager
- Network Support Specialist I
- Network Systems Analyst I
- Network Technician
- Pre-Sales Technical Support
- Router Engineer/Technician I
- Technical Support Specialist

This certificate program is designed to produce a Cisco Certified Network Associate, CCNA. The CCNA is recognized in the industry as a technical professional working with traditional Cisco-based networks that predominantly includes LAN and WAN routers and LAN switches.

Students who complete this Cisco training will have the expertise needed to pass the test, required by Cisco Systems, to achieve CCNA status. The test costs and textbooks are not included in the cost of the courses. Course lab fees may vary. These courses will apply toward the AS degree in Computer Engineering Technology.

PROGRAM REQUIREMENTS

CET	1600	Networking Fundamentals (CISCO)	3
CET	1610	Router Technology (CISCO)	3
CET	2615	Advanced Router Technology (CISCO)	3
CET	2620	Project-Based Learning	3
		TOTAL CERTIFICATE HOURS	**12**

CISCO CERTIFIED NETWORK PROFESSIONAL CERTIFICATE (CCNP-CT)

Matthew J. Basham, Program Director (727) 549-6160

Job Related Opportunities:

- Field Engineering Technician
- Network Administrator II
- Network Engineer II
- Network Manager
- Network Support Specialist II
- Network Systems Analyst II
- Network Technician
- Pre-Sales Technical Support
- Router Engineer/Technician II
- Technical Support Specialist
- WAN Administrator

This certificate program normally follows the CCNA-CT and is designed to produce a CISCO Certified Network Professional, CCNP. The CCNP is recognized in the industry as a technical professional working with traditional CISCO-based networks that predominantly includes LAN and WAN routers and LAN switches.

Students who complete this CISCO training will have the expertise needed to pass the tests, required by CISCO Systems, to achieve CCNP status. The test costs and textbooks are not included in the cost of the courses. There is a $999 lab fee for each course. These courses will apply toward the AS degree in Computer Engineering Technology - CISCO Certified Network Professional option

PROGRAM REQUIREMENTS

CET	2625	Building Scalable CISCO Networks	6
CET	2626	Building CISCO Remote Access Networks	6
CET	2627	Building CISCO Multilayer Switched Network	6
CET	2628	CISCO Internetworking Troubleshooting Support	6
		TOTAL CERTIFICATE HOURS	**24**

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CISCO CERTIFIED SECURITY SPECIALIST CERTIFICATE (CCSS-CT)

Matthew J. Basham, Program Director, Star (727) 549-6160

Job Related Opportunities:

- IT Security Administrator I
- IT Security Officer
- IT Security Specialist I
- Network Security Engineer I
- Network Security Technician
- Security Architect I
- Security Systems Manager
- Security Systems Support Specialist I
- Security Systems Analyst I

This certificate program normally follows the CCNA-CT and is designed to produce a CISCO Certified Security Specialist, CCSS. The CCSS is recognized in the industry as a technical professional working with traditional CISCO-based networks that predominantly includes LAN and WAN routers, LAN and WAN switches, and security devices.

Students who complete this CISCO training will have the expertise needed to pass the tests, required by CISCO Systems, to achieve CCSS status. The test costs and textbooks are not included in the cost of the courses. Course lab fees may vary.

These courses will apply toward the AS degree in Computer Engineering Technology – CISCO Certified Security Specialist option.

PROGRAM REQUIREMENTS

CET	2660	Fundamentals of Computer Network Security	3
CET	2661	Secure Virtual Private Networks (VPN's)	3
CET	2665	Secure PIX Firewalls	3
CET	2681	Secure Intrusion Detection	3
CET	2685	Managing CISCO Network Security	3
Select 9 credits:			
CET	2625	Building Scalable CISCO Networks	(6)
CET	2626	Building CISCO Remote Access Networks	(6)
CET	2627	Building CISCO Multilayer Switched Networks	(6)
CET	2629	CISCO Certified Design Associate (CCDA)	(3)
CET	2680	CISCO Works Software	(3)
CET	2682	CISCO Voice Over IP (VoIP)	(3)
		TOTAL CERTIFICATE HOURS	**24**

CISCO CERTIFIED INTERNETWORKING EXPERT CERTIFICATE (CISCOIE-CT)

Matthew J. Basham, Program Director, Star (727) 549-6160

Job Related Opportunities:

- Senior Field Engineering Technician
- Senior Network Administrator
- Senior Network Engineer
- Network Manager
- Senior Network Support Specialist
- Senior Network Systems Analyst
- Network Technician
- Pre-Sales Technical Support
- Senior Router Engineer/Technician
- Technical Support Specialist
- WAN Administrator

This certificate program normally follows the CCNA-CT and is designed to produce a CISCO Certified Internetworking Expert. The CISCO Certified Internetworking Expert is recognized in the industry as a technical professional working with traditional CISCO-based networks that predominantly includes LAN and WAN routers and LAN switches

Students who complete this CISCO training will have the expertise needed to pass the test, required by CISCO Systems, to achieve CISCO Certified Internetworking Expert status. The test costs and textbooks are not included in the cost of the courses. There is a $500 lab fee for each required course.

These courses will apply toward the AS degree in Computer Engineering Technology- CISCO Certified Internetworking Expert option.

PROGRAM REQUIREMENTS

CET	2670	Advanced Topics in Routing Protocols (CCIE)	3
CET	2671	Border Gateway Protocol (BGP)	3
CET	2672	Open Shortest Path First	3
CET	2940	Practicum in CISCO CCIE	3
		TOTAL CERTIFICATE HOURS	**12**

COMPUTER INTEGRATED DESIGN CERTIFICATE (CID-CT)

Brad Jenkins, Instructor-in-Charge, (727) 341-4378

Job Related Opportunities:
- CAD Designer
- CAD Technician
- Design Technician
- Detailer
- Engineering Aide

This certificate provides a program of study with the CAD and design skills needed to assist the engineering activities of industry and consultants in planning, designing, and detailing. Computer-integrated design techniques are emphasized throughout this program. The certificate fills a void in the industry by recognizing the skills of AutoCAD and CAD-related courses. These courses also are part of the 64-credit hour Associate in Science Degree in Manufacturing Technology. Students new to this field will be able to obtain employment by completing this certificate and work in those areas where CAD technicians and designers are needed.

PROGRAM REQUIREMENTS

EGS	2122C	Geometric Dimensioning and Tolerancing	3
ETD	1320C	AutoCAD I	3
ETD	1350C	AutoCAD II	3
ETD	1355C	AutoCAD III	3
ETD	1360C	AutoCAD IV: Advanced Solid Modeling	3
ETD	2359	Introduction to Solid Works	3
		TOTAL CERTIFICATE HOURS	**18**

INTERNETWORKING SUPPORT TECHNICIAN CERTIFICATE (INST-CT)

Brad Jenkins, Instructor-in-Charge, (727) 341-4378

Job Related Opportunities:
- Network Support Technician
- Telecommunications Technician
- Field Support Engineer
- Sub-System Specialist
- Communications Specialist

The Internetworking Support Technician Certificate enables students to be involved in the support of computer networks and systems. Knowledge gained through this certificate includes, but is not limited to, the selection of telecommunications equipment, installation of networks, cabling, hubs, bridges, routers, and interconnecting multiplatform networks.

These courses are part of the 64-credit hour Associate in Science in Telecommunications Systems Technology. This certificate indicates the upgrading of technical skills, which can be presented to an employer for job improvement. Students new to the telecommunications field will be able to obtain employment by completing this certificate, using their skills in those areas where internetworking support is needed.

PROGRAM REQUIREMENTS

CET	1071	Introduction to Telecommunications	3
CET	1480	Introduction to Open Systems	3
CET	1486	Introduction to LANs	3
CET	2489	Basics of Integrated Networks	3
CET	2540	Open Systems Architecture I-TCP/IP	3
CET	2755	Bridges, Routers, and Gateways	3
		TOTAL CERTIFICATE HOURS	**18**

LEAN-SIX SIGMA EXPERT CERTIFICATE (LEAN-CT)

Brad Jenkins, Instructor-in-Charge, (727) 341-4378

Job Related Opportunities:
- Quality Technician
- Process Technician
- Production Assistant
- Manufacturing Technician

This certificate provides a series of courses that focuses on the concepts, theories, and tools of the Lean Enterprise and Six Sigma as used in the manufacturing and services industries. The program covers the methods used in Lean and Six Sigma such as continuous flow, overall equipment effectiveness (OEE), Kaizen, process mapping, the 5S's, total productive maintenance (TPM), cellular manufacturing, the DMAIC, self-directed work teams, the kanban system, design for manufacturing, and value steam mapping. Throughout industry today there is a significant need of individuals educated in the methods of the concepts and tools of the Lean Enterprise and Six Sigma. The courses in this certificate program are part of the Quality Compliance Technology and Manufacturing Technology AS degree programs.

PROGRAM REQUIREMENTS

ETI	1622	Concepts of Lean and Six Sigma	3
ETI	2623	The Lean Enterprise for the Expert	3
ETI	1636	Developing and Coaching Self Directed Work Teams	3
ETI	2601	Six Sigma for the Expert	3
		TOTAL CERTIFICATE HOURS	**12**

QUALITY PROCESS TECHNICIAN CERTIFICATE (QUAL-CT)

Brad Jenkins, Instructor-in-Charge, (727) 341-4378

Job Related Opportunities:
- Process Technician
- Quality Technician
- Quality Specialist
- Quality Tester

This certificate provides a program of study with the manufacturing and quality skills needed to assist the quality activities in industry or business. These courses can also be applied to the 64 credit hour AS degree in Quality Compliance Technology. This program presents the understanding of all aspects related in the area of quality processes.

PROGRAM REQUIREMENTS

EGS	2122C	Geometric Dimensioning and Tolerancing	3
ETD	1320C	AutoCAD I	3
ETI	1482C	Introduction to Integrated Manufacturing	3
ETI	2100	Introduction to Quality Assurance	3
ETI	2151C	Process Metrology	3
ETI	2411	Topics in Modern Manufacturing I	3
		TOTAL CERTIFICATE HOURS	**18**

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WIDE AREA NETWORK CERTIFICATE (WAN-CT)

Brad Jenkins, Instructor-in-Charge, (727) 341-4378

This program will provide local economic benefit by better preparing students to fill the expanding needs of the telecommunications industry and by offering a force of well-trained workers who can support this rapid internetworking system. These courses will apply toward the AS degree in Telecommunications Engineering Technology.

PROGRAM REQUIREMENTS

CET	1071	Introduction to Telecommunications	3
CET	2489	Basics of Integrated Networks	3
CET	2541	Open Systems Architecture II-ATM	3
CET	2753	Design of T-1 Systems	3
CET	2780	Wide Area Network Switching	3
CET	2783	High Speed Network Switching	3
TOTAL CERTIFICATE HOURS			**18**

DESKTOP DESIGNER CERTIFICATE (DESK-CT)

Paul Miehl, Instructor-in-Charge, CL, (727) 791-2462

Job Related Opportunities:
- Graphic Designer
- Technical Coordinator
- Desktop Publisher

The Desktop Designer Certificate prepares students to work with computer technology for desktop design, publishing and presentations. Students earning this Certificate will be qualified to apply for work in secretarial, technical and professional positions in which the ability to create brochures, newsletters, flyers, business cards, stationery and presentation materials is essential.

This program is aimed for the degreed student, for employee enrichment and for individuals currently working in the field who wish to update and broaden their design and computer skills.

These courses will apply toward the AS degree in Graphics Design – Print Design (GRAPH).

PROGRAM REQUIREMENTS

ART	1201C	Design I	3
COP	1822	Introduction to Web Page Creation	1
GRA	1104C	Typography	3
GRA	2100C	Introduction to Computer Graphics	1
GRA	2111C	Graphic Design Seminar	3
GRA	2151C	Computer Illustration	3
GRA	2201C	Digital Publishing	3
GRA	2203C	Pre-Press Production	3
GRA	2949	Graphic Design Co-op	1
PGY	2801C	Digital Imaging	3

TOTAL CERTIFICATE HOURS 24

DIGITAL MEDIA TECHNOLOGY PRODUCTION CERTIFICATE (DMPRD-CT)

Delynda Keefe, Instructor-in-Charge, SE, (727) 394-6127

Job Related Opportunities:
- Digital Media Developer
- Digital Multimedia Author
- Media Production Development
- Project Assistant
- Streaming Video Producer
- Web Master

This certificate is designed to prepare students for the latest technological advances in Digital Media including recent innovations in 2-D, 3-D, streaming media and DVD needed to produce and create dynamic digital media projects and productions. All courses apply toward the AS degree in Digital Media/Multimedia Technology - Digital Media Production option.

PROGRAM REQUIREMENTS

COP	1827	Web Graphics Design II	3
GRA	2132	Advanced Multimedia/Digital Media Using Director	3
GRA	2165	Advanced Animation with Macromedia Flash	3
GRA	2727	Streaming Media	3
GRA	2733	Planning & Management of Digital Media Authoring	3

TOTAL CERTIFICATE HOURS 15

DIGITAL MEDIA INSTRUCTIONAL CERTIFICATE (DMI-CT)

Delynda D. Keefe, Instructor, SE (727) 394-6127

Job Related Opportunities:
- Instructional Developer
- Instructional Media Integrator
- Instructional Media Specialist
- Classroom Technologist

This certificate is designed to prepare students to use digital media in educational settings by combining learning theory and instructional strategies to teach software design for learning and instruction. Students will approach the study of digital media in education by exploring established methods such as tutorials, drills, simulations, games, computer-based testing and contemporary authoring tools.

All courses apply towards the AS degree in Digital Media/Multimedia Technology – Digital Media Instructional option.

Some courses may require a prerequisite that must be met by the student.

PROGRAM REQUIREMENTS

EME	2310	Instructional Media Development	3
EME	2419	Survey of Presentation and Digital Media Tools in Education	3
GRA	2727	Streaming Media	3
GRA	2731	Digital Media in Education	3
GRA	2733	Planning & Management of Digital Media Authoring	3

TOTAL CERTIFICATE HOURS 15

DIGITAL MEDIA VIDEO PRODUCTION CERTIFICATE (DVPRD-CT)

Delynda Keefe, Instructor-in-Charge, SE, (727) 394-6127

Job Related Opportunities:
- Videographer
- Video Editor
- Camera Operator
- Production Assistant
- Associate Producer
- Studio Technician
- Floor Director
- Gaffer
- Assistant Camera

This certificate is designed to prepare students to produce complex digital video tape presentations for 'on' or 'off' air. Students will be exposed to hands-on training in several aspects of digital videography including: professional video camera operation, on and off-line editing, scripting, lighting, program directing and producing.

All courses apply towards the AS degree in Digital Media/Multimedia Technology – Digital Vide Production option.

Some courses may require a prerequisite that must be met by the student.

PROGRAM REQUIREMENTS

GRA	2711	Basic Video Camera	3
GRA	2713	Basic Video Editing	3
GRA	2715	Basic Scripting for Video	3
GRA	2727	Streaming Media	3

TOTAL CERTIFICATE HOURS 12

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FOOD AND BEVERAGE MANAGEMENT CERTIFICATE (FBM-CT)

Dr. Anya Sebastian, Program Director, (727) 394-6109
Mr. Robert Meyer, Instructor-in-Charge, (727) 394-6165

This certificate is designed to prepare students for employment as supervisors and managers in the food and beverage sectors of the hospitality industry. These courses will apply toward the A. S. degree in Hospitality & Tourism Management.

PROGRAM REQUIREMENTS

FSS	2235C	Introductory Food Production Mgmt	3
HFT	1000	Introduction to the Hospitality & Tourism Industry	3
HFT	1210	Supervision in the Hospitality Industry	3
HFT	1500	Marketing in the Hospitality Industry	3
HFT	1941	Operations & Service Practicum	2
HFT	2265	Food Service Operations	3
HFT	2277	Club and Resort Operations	2
HFT	2450	Hospitality Cost Controls	3
HFT	2600	Hospitality Law	3
HFT	2942	Hospitality Internship	3
MNA	1751	Customer Service I	1
MNA	1760	Customer Service II	1
		TOTAL CERTIFICATE HOURS	**30**

ROOMS DIVISION MANAGEMENT CERTIFICATE (RDM-CT)

Dr. Anya Sebastien, Program Director, (727) 394-6109
Mr. Robert Meyer, Instructor-in-Charge, (727) 394-6165

This certificate is designed to prepare students for employment as supervisors and managers in hotels, resorts and cruise lines, as well as related hospitality sectors. These courses will apply toward the A. S. degree in Hospitality & Tourism Management.

PROGRAM REQUIREMENTS

FSS	2235C	Introductory Food Production Management	3
HFT	1000	Introduction to the Hospitality & Tourism Industry	3
HFT	1210	Supervision in the Hospitality Industry	3
HFT	1300	Housekeeping Operations	3
HFT	1410	Front Office Procedures	3
HFT	1500	Marketing in the Hospitality Industry	3
HFT	1941	Operations & Service Practicum	2
HFT	2277	Club and Resort Operations	2
HFT	2600	Hospitality Law	3
HFT	2942	Hospitality Internship	3
MNA	1751	Customer Service I	1
MNA	1760	Customer Service II	1
		TOTAL CERTIFICATE HOURS	**30**

BUILDING CONSTRUCTION TECHNOLOGY CERTIFICATE (BCNST-CT)

Jean Caldieron, Instructor-in-Charge (727) 791-2598

Job Related Opportunities:

- Job Foreman
- Job Estimator
- Scheduler
- Materials Purchaser
- Drafter
- Superintendent
- Project Manager

This Certificate provides the student with the management training and practical skills necessary to assist contractors and subcontractors in the construction industry.

PROGRAM REQUIREMENTS

BCN	1050	Building Specifications	1
BCN	1251C	Construction Drawing **OR**	3
BCN	1272	Blueprint Reading	(2)
BCN	2014	OSHA	1
BCN	2068	ADA	1
BCT	1600	Construction Estimating	3
BCT	1760	Building Codes	2
Materials – Select 3 credits:			
ARC	2461	Materials and Methods of Construction I	(3)
BCN	1057	HVAC	(1)
BCN	1058	Plumbing	(1)
BCN	1059	Electrical	(1)
BCN	2052	Masonry	(1)
BCN	2053	Roofing	(1)
BCN	2054	Surveying	(1)
BCN	2055	Concrete	(1)
BCN	2056	Steel	(1)
Work Experience – Select 3 credits:			
BCN	1940	Construction Practicum	(3)
BCN	2949	Co-op Work Experience	(3)
TAR	1941	Architectural Drafting Practicum	(3)
TAR	2949	Co-op Work Experience	(3)

Specialty experience in Construction Drafting, Construction Management, Construction Estimating and Construction Superintendent:

Select 7–8 credit hours:	ARC, BCN, BCT, TAR courses or ETD 1320 or ETD 1350	7 (8)

Please see the list of suggested specialized elective options below and the elective categories listed in the college catalog under the A.S. Program in Architectural Design and Construction Technology for available options.

TOTAL CERTIFICATE HOURS 24

Specialty	*Recommended elective categories*
Building Construction	Materials, Codes, Estimating, Industry
Construction Drafting	Drawing, Codes, Industry, ETD 1320, ETD 1350
Construction Estimating	Estimating, Materials, Codes, Industry
Construction Management	Codes, Industry, Estimating, General
Construction Superintendent	BCT 2702, Codes, Estimating, Materials, Industry

DRAFTING CERTIFICATE (DRAFT-CT)

Jean Caldieron, Instructor-in-Charge (727) 791-2598

This certificate provides the student with the practical skills necessary to accept the challenges of a construction draftsperson. Successful certificate holders may find employment as a draftsperson in an architect's, engineer's or contractor's office, governmental agencies, corporate planning departments or other private industries.

PROGRAM REQUIREMENTS

BCN	1050	Building Specifications	1
BCN	1251C	Construction Drawing	3
BCN	2068	ADA	1
BCT	1760	Building Codes	2
TAR	2054C	Introduction to AutoCAD	3
TAR	2055C	Intermediate AutoCAD	3
TAR	2056C	Advanced AutoCAD	3
Materials – Select 3 credits:			
ARC	2461	Materials and Methods of Construction I	(3)
BCN	1057	HVAC	(1)
BCN	1058	Plumbing	(1)
BCN	1059	Electrical	(1)
BCN	2052	Masonry	(1)
BCN	2053	Roofing	(1)
BCN	2054	Surveying	(1)
BCN	2055	Concrete	(1)
BCN	2056	Steel	(1)
Work Experience – Select 3 credits:			
BCN	1940	Construction Practicum	(3)
BCN	2949	Co-op Work Experience	(3)
TAR	1941	Architectural Drafting Practicum	(3)
TAR	2949	Co-op Work Experience	(3)
Select 2 credits:			
ARC, BCN, BCT or TAR courses			2

TOTAL CERTIFICATE HOURS 24

AUTOCAD FOUNDATIONS CERTIFICATE (ATCAD-CT)

Robert Hudson, Instructor-in-Charge (727) 791-2598

This certificate provides the students with the practical skills necessary to accept the challenges of a AutoCAD drafting career. Successful certificate holders may find employment as a draftsperson in architect's, engineer's, or contractor's offices, governmental agencies, corporate planning departments or other private industries.

Job Related Opportunities:

- CAD Designer (Entry Level)
- CAD Draftsman
- CAD Operator

PROGRAM REQUIREMENTS

BCN	1251C	Construction Drawing	3
TAR	2054C	Introduction to AutoCAD	3
TAR	2055C	Intermediate AutoCAD	3
TAR	2056C	Advanced AutoCAD	3
TAR	2949	Co-op Work Experience	1
Select 2 credits:			
TAR	2057C	AutoCAD Architectural Desktop	(2)
TAR	2142C	Architectural 3D Modeling and Rendering	(2)
TAR	2144C	Architectural Animation	(2)

TOTAL CERTIFICATE HOURS 15

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HEALTH CARE CERTIFICATES

MEDICAL CODER CERTIFICATE (MEDCD-CT)

Angela Picard, Program Director (727) 341-3623

Job Related Opportunities:

- Inpatient Hospital Coder
- Outpatient Coder
- Insurance Claim Analyst Coder
- Procedural Code Coder
- Reimbursement Specialist
- Coding Abstracting Analys
- Managed Care Organization
- Physician's Office/Clinic

The Medical Coder Certificate is designed to provide a student with the skills necessary to transform medical diagnoses, procedures and injuries into designated numerical codes. There are many demands for accurately coded data from the medical records in hospitals, physician offices, as well as other healthcare institutions. Codes are provided on claim forms and on numerous medical record abstracts so third party payors and outside agencies may utilize this information. Coded data are also used internally by institutions for quality assurance activities, case-mix management and other administrative and research activities. A medical coder is an individual who analyzes medical records and assigns codes to classify diagnoses and procedures to support the reimbursement system, to support assessment of clinical care and to support medical research activity.

A medical record coder must have a thorough understanding of the content of the medical record as well as clinical knowledge including extensive training in anatomy, physiology, pharmacology and clinical disease process.

A coder must adhere to ethical principles relating to quality, truth, and accuracy in work performance and productivity. The suggested courses are in agreement with guidelines set forth by the American Health Information Management Association.

These courses will apply toward the AS degree in Health Information Management.

PROGRAM REQUIREMENTS

HSC	1531	Medical Terminology	2
BSC	1083	[a] Human Anatomy (Lab is not required)	3
CTS	1101	Computer and Information Literacy	1
HIM	1000	Introduction to Health Information Management	3
HIM	1211	Health Information Technologies	2
HIM	1430	Principles of Disease	3
HIM	1800	Professional Practice Experience I	2
HIM	2222	Basic ICD Coding	3
HIM	2253	Basic CPT Coding	3
HIM	2234	Advanced ICD Coding & Reimbursement	3
HIM	2283	Advanced CPT Coding & Reimbursement	3
HSA	1100	Healthcare Delivery Systems	3
HSC	1149C	General Pharmacology for Health Professionals	1
HIM	2820	Professional Practice – Experience III	2
		TOTAL DIPLOMA HOURS	**34**

a Students planning to transfer to a 4 year college should take BSC 1085/1085L and BSC 1086/1886L.

Note:

In order to enroll in any program course with a prerequisite, a grade of "C" or better must have been earned in all prerequisite courses. Students much earn grades of "C" or better in all courses required for the Medical Coder CT curriculum in order to graduate from the program.

New graduates from the Medical Coder Certificate program are advised to gain coding experience in both inpatient and outpatient settings before taking the Certified Coding Specialist (CCS) examination and/or the Certified Coding Specialist- Physician-based (CCS-P) examination administered by the American Health Information Management Association (AHIMA).

PARAMEDIC CERTIFICATE (PMED-CT)

Nerina Stepanovsky, Program Director (727) 341-3656 or 3680

Job Related Opportunities:

- Paramedics are a mainstay in companies or agencies operating emergency vehicles that respond to traffic accidents, fires, explosions, cave-ins, emergency rescue calls and other life-threatening situations. Some also assist in patient care in hospitals and doctors' offices, with specific instruction and supervision.

This certificate is designed to produce paramedics, whose job description involves advanced life support, to deliver the pre-hospital, life support care and transportation necessary for victims of accident and emergency illness. Successful completion of the prescribed courses and the awarding of a certificate of completion means eligibility to take the State of Florida examination for certification or national registry exam for certification as a Paramedic. See admission requirements in BOT Rule 6Hx 23-4.55.

PROGRAM REQUIREMENTS

BSC	1085-1085L	Human Anatomy and Physiology I & Lab	3,1
BSC	1086-1086L	Human Anatomy and Physiology II & Lab	3,1
EMS	2601	Paramedic Theory I	5
EMS	2601L	Paramedic Laboratory I	3
EMS	2602	Paramedic Theory II	8
EMS	2602L	Paramedic Laboratory II	4
EMS	2659	Paramedic Field Internship	7
EMS	2664	Paramedic Clinical I	3
EMS	2665	Paramedic Clinical II	3
HSC	1149C	General Pharmacology for Health Professionals	1
		TOTAL CERTIFICATE HOURS	**42**

NURSING CLINICAL JUDGEMENT (NCJ-ATC)

Gail Burt, Program Director (727) 341-3618

Job Related Opportunities:

- Specialized Nursing Skill Development
- Promotion/Leadership Preparation

The following Advanced Certificate Program was developed at the request of the Non Profit Venture (NPV) hospitals as a way of assisting their RN employees to develop new skills and update current skills. In addition, this advanced certificate will be utilized by health and social agencies to assist the RN to advance for pay and change of position. These courses and Certificate are, however, open to any RN who wishes to register unless the class is designated for one specific site. This Certificate program includes the more advanced course work necessary to keep pace with today's dynamic health care needs. All certificate programs have been endorsed by the Nursing Program's Advisory Committee.

PROGRAM REQUIREMENTS

NUR	2061C	Health Assessment/Nursing Process	4
NUR	2190	Advanced Pathophysiology	4
NUR	2192	Critical Thinking in the Clinical Setting	3
		TOTAL CERTIFICATE HOURS	**11**

CRITICAL CARE
ADVANCED TECHNICAL CERTIFICATE
(CC-ATC)

Gail Burt, Program Director (727) 341-3618

PROGRAM REQUIREMENTS

NUR	2291	Critical Care Nursing	3
NUR	2297	ECG Interpretation for Health Care Professionals	2
NUR	2299	Progressive Care Nursing	4

TOTAL CERTIFICATE HOURS 9

EMERGENCY CARE
ADVANCED TECHNICAL CERTIFICATE
(EMC-ATC)

Gail Burt, Program Director (727) 341-3618

PROGRAM REQUIREMENTS

NUR	2290	Emergency Department Nursing	2
NUR	2291	Critical Care Nursing	3
NUR	2297	ECG Interpretation for Health Care Professionals	2
NUR	2299	Progressive Care Nursing	4

TOTAL CERTIFICATE HOURS 11

PERIOPERATIVE NURSING
(BPN-ATC)

Gail Burt, Program Director (727) 341-3618

Job Related Opportunities:
- Specialized nursing skill development
- Promotion/Leadership preparation

The following Advanced Certificate Program was developed at the request of several local hospitals as a way of assisting their RN employees to develop new skills that will allow them entry into the operating room. This Certificate is open to any RN who wishes to pursue a career in perioperative nursing. The Nursing Program's Advisory Committee endorsed and encouraged the development and implementation of this Certificate.

PROGRAM REQUIREMENTS

NUR	2293C	Perioperative Nursing	10

TOTAL CERTIFICATE HOURS 10

PATIENT CARE MANAGEMENT
(PCM-ATC)

Gail Burt, Program Director (727) 341-3618

Job Related Opportunities:
- Specialized Nursing Skill Development
- Promotion/Leadership Preparation

The following Advanced Certificate Program was developed at the request of the Non-Profit Venture (NPV) hospitals as a way of assisting their RN employees to develop new skills and update current skills. In addition, this advanced certificate will be utilized by health and social agencies to assist the RN advance for pay and change of position. These courses and Certificate are, however, open to any RN who wishes to register unless the class is designated for one specific site. This Certificate program includes the more advanced course work necessary to keep pace with today's dynamic health care needs. All certificate programs have been endorsed by the Nursing Program's Advisory Committee.

PROGRAM REQUIREMENTS

NUR	2192	Critical Thinking in the Clinical Setting	3
NUR	2891	Leadership and Delegation	3
NUR	2937	Introduction to Risk Management	1
Elective			3

TOTAL CERTIFICATE HOURS 10

NURSING
PHARMACOTHERAPEUTICS
(NPT-ATC)

Gail Burt, Program Director (727) 341-3618

Job Related Opportunities:
- Specialized Nursing Skill Development
- Promotion/Leadership Preparation

The following Advanced Certificate Program was developed at the request of the Non Profit Venture (NPV) hospitals as a way of assisting their RN employees to develop new skills and update current skills. In addition, this advanced certificate will be utilized by health and social agencies to assist the RN to advance for pay and change of position. These courses and Certificate are, however, open to any RN who wishes to register unless the class is designated for one specific site. This Certificate program includes the more advanced course work necessary to keep pace with today's dynamic health care needs. All certificate programs have been endorsed by the Nursing Program's Advisory Committee.

PROGRAM REQUIREMENTS

NUR	2091C	Intravenous Therapy: Beyond the Basics	3
NUR	2190	Advanced Pathophysiology	4
NUR	2191C	Advanced Pharmacology in Nursing Practice	3

TOTAL CERTIFICATE HOURS 10

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PUBLIC SERVICE CERTIFICATES

BASIC CORRECTIONS CERTIFICATE (BCO-CT)

Angel L. Rosado, Program Director (727) 341-4503

Job Related Opportunities:
- Local correctional facilities located within sheriffs' departments
- Florida Department of Corrections or any State correctional facility
- Private correctional companies

The Florida Criminal Justice Standards and Training Commission controls the training and certification of all police and corrections officers. It also certifies the training centers throughout Florida. The Southeastern Public Safety Institute at SPC is a certified training center.

These courses will apply toward the AS degree in Criminal Justice Technology – Law Enforcement/Corrections.

Special Admission Requirements
1. Satisfy the requirements of a Criminal History background check completed by the Police Applicant Screening Service (P.A.S.S.), Telephone (727) 864-3822.
2. Possess a valid driver's license.
3. Show proof of medical insurance coverage prior to taking CJD 2704, CJD 2705 and CJD 2741.

PROGRAM REQUIREMENTS – Grade of "C" or better is required

CJD	1254	Medical First Responder	3
CJD	1700	Criminal Justice Legal I	3
CJD	1701	Criminal Justice Legal II	3
CJD	1702	Criminal Justice Communications	3
CJD	1703	Criminal Justice Interpersonal Skills I	4
CJD	2704	Criminal Justice Defensive Tactics	2
CJD	2705	Criminal Justice Weapons	2
CJD	2740	Criminal Justice Interpersonal Skills II	3
CJD	2741	Correctional Emergency Preparedness	1
CJD	2742	Correctional Operations	4
		TOTAL CERTIFICATE HOURS	**28**

Students in the Academy must also take the following:
State Exam Preparation
Administration and Orientation

BASIC LAW ENFORCEMENT CERTIFICATE (BLE-CT)

Angel L. Rosado, Program Director (727) 341-4503

Job Related Opportunities:
- Police Officer
- Security Services Coordinator
- Public Safety Administrator

St. Petersburg College is a state certified training center for the preparation of law enforcement and corrections officers. The Florida Criminal Justice Standards and Training Commission mandate the program curriculum.

This Certificate program is designed to produce a law enforcement officer who will meet all of the Florida State requirements for employment. Upon successful completion of the program, the student will be eligible to take the Florida State Certification Exam for Law Enforcement Officer. These courses will apply toward the AS degree in Criminal Justice Technology – Law Enforcement /Corrections.

Special Admission Requirements
1. Satisfy the requirements of a Criminal History background check completed by the Police Applicant Screening Service (P.A.S.S.), Telephone (727) 864-3822.
2. Possess a valid driver's license.
3. Show proof of medical insurance coverage prior to taking CJD 2704, CJD 2705 and CJD 2741.

PROGRAM REQUIREMENTS – Grade of "C" or better is required

CJD	1254	Medical First Responder	3
CJD	1700	Criminal Justice Legal I	3
CJD	1701	Criminal Justice Legal II	3
CJD	1702	Criminal Justice Communications	3
CJD	1703	Criminal Justice Interpersonal Skills I	4
CJD	2704	Criminal Justice Defensive Tactics	2
CJD	2705	Criminal Justice Weapons	2
CJD	2720	Criminal Justice Legal III	2
CJD	2721	Law Enforcement Patrol	3
CJD	2722	Law Enforcement Traffic	3
CJD	2723C	Vehicle Operations	1
CJD	2724	Law Enforcement Investigations	4
		TOTAL CERTIFICATE HOURS	**33**

Students in the Academy must also take the following:
State Exam Preparation
Administration and Orientation

COMPUTER RELATED CRIME INVESTIGATION CERTIFICATE (CRCI-CT)

Angel L. Rosado, Program Director (727) 341-4503

Job Related Opportunities:
- Computer Security Specialist
- Corporate Computer Crime Investigator
- Computer Security Manager
- Law Enforcement Computer Crime Investigator
- Computer Forensic Investigator
- Computer Crime Consultant
- Computer Security Auditor

This certificate requires eight courses which include skills in researching, investigating, using computer software, interpreting laws, and using the Internet as an investigative tool. This certificate will prepare the student for careers in corporate computer security investigation or similar careers in law enforcement.

The prerequisites for entry to the curriculum are permission of the Program Director and basic computer usage skills: editing files, navigating a file system, and browsing the internet. The courses include tasks that will enhance the student's ability to obtain and interpret data from various sources. The student will also be provided with scenarios and case histories to explore and gain experience.

These courses will apply toward the AS degree in Computer Related Crime Investigations.

PROGRAM REQUIREMENTS

CJE	1680	Introduction to Computer Related Crime Investigations	3
CJE	1681	The Internet as an Investigative Tool	3
CJE	1682	Tracking & Profiling Hackers, Pedophiles and Internet Stalkers	3
CJE	1683	Internet Pornography Investigations	3
CJE	1684	Internet Fraud Investigations	3
CJE	1685	Legal Aspects of Computer Related Criminal Investigations	3
CJE	1686	Forensic Computer Related Crimes Investigations	3
CJE	1687	Computer Software Piracy & Copyright Infringement	3

TOTAL CERTIFICATE HOURS 24

CRIME SCENE TECHNOLOGY CERTIFICATE (CST-CT)

Angel L. Rosado, Program Director, (727) 341-4503

Job Related Opportunities:
- Crime Lab Assistant
- Crime Scene Photographer
- Crime Scene Technician
- Crime Scene Unit Supervisor
- Fingerprint Examiner and Classification Specialist
- Fire Inspector/Investigator
- Forensic Science Specialist
- Investigator/Consultant
- Juvenile Assessment Worker
- Latent Print Examiner/Trainee
- Property and Evidence Personnel

Crime Scene technologists are employed by local, state and federal law enforcement agencies, state attorney offices, public defender offices, medical examiners' offices, law firms and private industry.

The certificate program is designed to prepare a crime scene technician who will be able to locate, identify, process and preserve the crime scene. They will also testify in court as to their findings. Students should attend an advising session with program director or faculty member.

These courses will apply toward the AS degree in Crime Scene Technology.

Special Admission Requirements – Attend an advising session with Program Director or faculty member.

PROGRAM REQUIREMENTS – Grade of "C" or better in all courses is required.

CJT	1110	Introduction to Crime Scene Technology	3
CJT	1111	Advanced Crime Scene Technology	3
CJT	1220	Crime Scene Photography I	3
CJT	1221	Crime Scene Photography II	3
CJT	2112	Crime Scene Safety	2
CJT	2113	*Courtroom Presentation of Scientific Evidence	3
CJT	2141	Introduction to Forensic Science	3
CJT	2240	Fingerprint Classification	3
CJT	2241	*Latent Fingerprint Development	3
CJT	2260	Biological Evidence	2

* Should be taken during the student's last semester.

TOTAL CERTIFICATE HOURS 28

SECURITY MANAGEMENT AND ADMINISTRATION CERTIFICATE (SMA-CT)

Angel L. Rosado, Program Director, (727) 341-4503

The Security Management and Administration program is a professional training program. Students will develop skills in loss prevention, investigation techniques, security and management survey techniques, computer security, workplace violence, business theft, disaster training and interview and interrogation development.

These courses will apply toward the AS degree in Security Management and Administration.

PROGRAM REQUIREMENTS

CCJ	1112	Crime Prevention and Analysis	3
CJE	1800	Introduction to Security and Loss Prevention	3
CJE	1802	Commercial Security	3
CJL	1104	Criminal Law and Legal Concepts for Security	3
CJL	1405	Constitutional and Security Law	3
CJL	1406	Interview and Interrogation	3
CJL	1407	Introduction to Private Investigations	3
SCC	1020	Problem Solving in Security	3
SCC	1220	Principles of Loss Prevention	3

TOTAL CERTIFICATE HOURS 27

DEGREE REQUIREMENTS 185

EMERGENCY ADMINISTRATION AND MANAGEMENT CERTIFICATE (EAM-CT)

Roger Melchior, Program Director, (727) 341-4422

Job Related Opportunities:
- Risk Manager in private and public organizations
- OSHA, SARA, or Emergency Response Director
- Professionals interested in emergency response training and management
- Governmental and industrial emergency planner

Emergency Administration and Management (EAM) is a comprehensive certificate focused on policy, planning and administration of emergency response teams. This certificate integrates the practical, technical and communication aspects of emergency management. Program participants will gain an understanding of problems facing response teams, learn to write emergency plans according to state and federal guidelines and build communications skills as crisis advisors.

These courses will apply toward the AS degree in Emergency Administration and Management.

PROGRAM REQUIREMENTS

FFP	1830	Introduction to Hazards	3
FFP	2800	Emergency Management Public Education Programs	3
FFP	2801	Fundamentals of Emergency Mgmt	3
FFP	2821	Integrated Emergency Management Planning Systems II (IEMS)II	3
FFP	2822	Integrated Emergency Management Systems I (IEMS) I	3
FFP	2831	Hazard Mitigation	3
FFP	2840	Disaster Recovery Operation	3
FFP	2880	Public Policy in Emergency Management	3
		TOTAL CERTIFICATE HOURS	**24**

FIRE INSPECTOR I CERTIFICATE (FSP I - CT)

Roger Melchior, Program Director (727) 341-4422

Job Related Opportunities:
- Fire Inspector
- Fire Marshal

This certificate is designed to incorporate the theory and applications necessary to become a credentialed fire inspector. Students who complete SPC's Certificate Program in Fire Inspector will become eligible to take the competency test for Fire Inspector I which is administered by the State Fire Marshal's Bureau of Fire Standards and Training.

These courses will apply toward the AS degree in Fire Science – Fire Inspector I option.

PROGRAM REQUIREMENTS

FFP	1505	Fire Prevention	3
FFP	1540	Private Fire Protection Systems I	3
FFP	2120	Building Construction for the Fire Service	3
FFP	2510	Fire Codes and Standards	3
FFP	2521	Blueprint Reading and Plans Review	3
FFP	XXXX	Any approved Fire Science Electives	9
		TOTAL CERTIFICATE HOURS	**24**

FIRE INSPECTOR II CERTIFICATE (FSPII-CT)

Roger Melchior, Program Director (727) 341-4422

Job Related Opportunities:
- Fire Inspector
- Fire Marshal
- Fire Service Administrator

This certificate is designed to incorporate the theory and applications necessary to become a credentialed Fire Inspector II. Students who complete SPC's Certificate Program in Fire Inspector II will become eligible to take the competency test for Fire Inspector II which is administered by the State Fire Marshal's Bureau of Fire Standards and Training.

These courses will apply toward the AS degree in Fire Science – Fire Inspector II option.

PROGRAM REQUIREMENTS

FFP	1111	Fire Chemistry	3
FFP	2541	Private Fire Protection Systems II	3
FFP	2610	Fire Cause & Origin Determination	3
FFP	2706	Fire Service Public Information Officer **OR**	3
FFP	2800	Emergency Management Public Education Programs	(3)
FFP	XXXX	Any approved Fire Science Electives	12
		TOTAL CERTIFICATE HOURS	**24**

FIRE INVESTIGATOR I CERTIFICATE (FIN I - CT)

Roger Melchior, Program Director, (727) 341-4422

Job Related Opportunities:
- Fire Inspector
- Fire Investigator
- Fire Marshal
- Law Enforcement Investigator

This certificate is designed to incorporate the theory and applications necessary to become a credentialed fire investigator. Students who complete SPC's Certificate Program in Fire Investigator will become eligible to take the competency test for Fire Investigator I which is administered by the State Fire Marshal's Bureau of Fire Standards and Training.

These courses will apply toward the AS degree in Fire Science – Fire Investigator I option.

PROGRAM REQUIREMENTS

FFP	1111	Fire Chemistry	3
FFP	1540	Private Fire Protection Systems I	3
FFP	2120	Building Construction for the Fire Service	3
FFP	2610	Fire Cause and Origin Determination	3
FFP	XXXX	Any approved Fire Science Electives	12
		TOTAL CERTIFICATE HOURS	**24**

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FIRE INVESTIGATOR II CERTIFICATE (FINII-CT)

Roger Melchior, Program Director (727) 341-4422

Job Related Opportunities:
- Fire Inspector
- Fire Investigator
- Fire Marshal
- Law Enforcement Investigator

This certificate is designed to incorporate the theory and applications necessary to become a credentialed Fire Investigator Supervisor. Students who complete SPC's Certificate Program in Fire Investigator II will become eligible to take the competency test for Fire Investigator I which is administered by the State Fire Marshal's Bureau of Fire Standards and Training.

These courses will apply toward the AS degree in Fire Science – Fire Investigator II option.

PROGRAM REQUIREMENTS

FFP	2604	Arson Investigation	3
FFP	2606	Post Blast Investigations	3
FFP	2630	Latent Investigations	3
FFP	2670	Legal Issues for Investigators	3
FFP	XXXX	Any approved Fire Science Electives	12
		TOTAL CERTIFICATE HOURS	**24**

FIRE OFFICER I CERTIFICATE (FOI-CT)

Roger Melchior, Program Director (727) 341-4422

Job Related Opportunities:
- Fire Officer
- Fire Service Administrator

This certificate is designed to incorporate the theory and applications necessary to become a credentialed fire officer. Students who complete SPC's Certificate program in Fire Officer Management will become eligible to take the Certificate of Competency test for Fire Officer I through the Florida State Fire College. Upon successful completion of the state exam, the student will become a certified Florida State Fire Officer.

These courses will apply toward the AS degree in Fire Science – Fire Officer I option.

PROGRAM REQUIREMENTS

FFP	1505	Fire Prevention	3
FFP	1540	Private Fire Protection Systems I	3
FFP	1780	Company Officer	3
FFP	1824	Basic Incident Management System	1
FFP	1825	Intermediate Incident Management System	1
FFP	1832	Emergency Response to Terrorism: Basic Concepts	1
FFP	2120	Building Construction for the Fire Service	3
FFP	2740	Fire Service Course Delivery	3
FFP	2810	Firefighting Tactics & Strategy I	3
FFP	2811	Firefighting Tactics & Strategy II	3
		TOTAL CERTIFICATE HOURS	**24**

FIRE OFFICER II CERTIFICATE (FOII-CT)

Roger Melchior, Program Director (727) 341-4422

Job Related Opportunities:
- Fire Officer
- Fire Service Administrator

This certificate is designed to incorporate the theory and applications necessary to become a credentialed mid-management fire officer. Students who complete SPC's Certificate program in Fire Officer II will be eligible to apply to the Bureau of Fire Standards and Training to be State certified as a Fire Officer II.

These courses will apply toward the AS degree in Fire Science – Fire Officer II option.

PROGRAM REQUIREMENTS

FFP	1111	Fire Chemistry	3
FFP	2610	Fire Cause and Origin Determination	3
FFP	2670	Legal Issues for Investigators	3
FFP	2741	Fire Service Course Design	3
FFP	2781	Fire Administration II	3
FFP	2706	Fire Service Public Information Officer **OR**	3
FFP	2800	Emergency Management Public Education Programs	(3)
FFP	XXXX	Any approved Fire Science Electives	6
		TOTAL CERTIFICATE HOURS	**24**

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APPLIED TECHNOLOGY DIPLOMAS

ASSOCIATE ADDICTION PROFESSIONAL APPLIED TECHNOLOGY DIPLOMA (CAAP-ATD)

Joan Bliss, Instructor-in-Charge (727) 341-3736

Job Related Opportunities:
- Drug Treatment Counselor
- Substance Abuse Technician or Administrator
- Family Counseling Assistant

Prerequisite: PSY 1012 – General Psychology or Program Director's approval.

This Applied Technology Diploma will prepare individuals to work in the field of addictions treatment. The Human Services Program is a Single-Source Provider with Certification Board for Addiction Professionals of Florida (CBAPF), which satisfies the educational requirements for the Level 1 Certified Associate Addiction Professional (CAAP1) examination, as well as Level 2 for students with an AS, AAS or higher degree. Additionally, students with a Bachelor's degree can meet the educational requirements for the Certified Addiction Professional (CAP) examination by taking an additional 3-credit substance abuse course.

These courses will apply toward the AS degree in Human Services – Alcohol/Substance Abuse option.

PROGRAM REQUIREMENTS – Grade of "C" or better in each of these courses.

HUS	1111	Introduction to Intra & Interpersonal Processes	3
HUS	1920	AIDS and Drug Crisis	2
HUS	1920	Dual Diagnosis I	2
HUS	2200	Dynamics of Groups and Group Counseling	3
HUS	2302	Basic Counseling Skills	3
HUS	2403	Abuse Substances and Their Effects **OR**	3
HUS	2420	Evaluation of Treatment Environments	(3)
HUS	2421	Methods for Identification & Intervention in In Substance Abuse **OR**	3
HUS	2428	Treatment and Resources in Substance Abuse	(3)
PHI	1603	Applied Ethics	2
SYG	2324	Principles of Substance Abuse	3
		TOTAL DIPLOMA HOURS	**24**

EMERGENCY MEDICAL TECHNICIAN APPLIED TECHNOLOGY DIPLOMA (EMT-ATD)

Nerina Stepanovsky, Program Director (727) 341-3656 or 3680

Job Related Opportunities:
- EMTs are a mainstay in public health and community service agencies operating emergency vehicles that respond to traffic accidents, fires, explosions, cave-ins, emergency rescue calls and other life-threatening situations. Some also assist in patient care in hospitals, with specific instruction and supervision.

This Applied Technology Diploma is designed to produce Emergency Medical Technicians (EMTs), whose job it is to deliver the pre-hospital, life support care and transportation necessary for victims of accidents and emergency illness. Successful completion of the prescribed courses and the awarding of a diploma of completion means eligibility to take either the State of Florida examination for certification or National Registry exam for certification as an EMT-Basic. See admission requirements in BOT Rule 6Hx 23-4.55.

These courses will apply toward the AS degree in Emergency Medical Services.

PROGRAM REQUIREMENTS

EMS	1119	Fundamentals of Emergency Medical Care	4
EMS	1119L	Fundamentals of Emergency Medical Care Laboratory	2
EMS	1411	Fundamentals of Emergency Medical Care Clinical Experience	2
EMS	1421	EMT Field Internship	3
		TOTAL DIPLOMA HOURS	**11**

YOUTH DEVELOPMENT PROFESSIONAL APPLIED TECHNOLOGY DIPLOMA (YDP-ATD)

Joan Bliss, Instructor-in-Charge (727) 341-3736

Job Related Opportunities:
- Youth Counselor/Worker
- Youth Minister
- Recreation Leader
- Camp Counselor

The Human Services profession is experiencing drastic changes as the emphasis is rapidly shifting from rehabilitating adults to promoting the development of healthy children, families, and communities. This Applied Technology Diploma program will prepare para-professionals to function in this dynamic field.

These courses will apply toward the AS degree in Human Services.

PROGRAM REQUIREMENTS – Grade of "C" or better is required

DEP	2004	Developmental Psychology of the Life Span	3
HUS	1111	Introduction to Intra & Interpersonal Processes	3
HUS	1001	Principles and Strategies for Human Services	3
HUS	1920	Foundation of Youth Development	3
HUS	2540	Building Stronger Families and Communities	3
HUS	1920	Professional Techniques for Human Services Personnel	3
Topic choices each session is:			
		Building Self-Esteem	
		Children of Dysfunctional Families	
		Problem Solving & Value Orientation	
HUS	2949	Co-op Work Experience	3
PSY	1012	General Psychology	3
		TOTAL DIPLOMA HOURS	**24**

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VOCATIONAL CERTIFICATES

BASIC FIREFIGHTING I VOCATIONAL CERTIFICATE (FFI-VC)

Roger Melchior, Program Director (727) 341-4422

Job Related Opportunities:
- Volunteer Firefighter
- Industrial Fire Brigade Member

This vocational certificate is designed to incorporate the basic theory and applications necessary to become certified as a Fire Fighter I. The course consists of classroom lecture and practical exercises covering topics such as: ladders, hose, fire streams, ropes and knots, rescue, ventilation, and others. Because of the physical nature of the course and the career, students are required to pass a Physical Ability Test administered by the College prior to being admitted to the course. Students who complete SPC's Vocational Certificate Program of Fire Fighter I will become eligible to take the competency test for Firefighter I which is administered by the State Fire Marshal's Bureau of Fire Standards and Training. This course is a prerequisite for FFP 0020 Fire Fighter II.

Notes:

Students are required to take the College Placement Test (CPT) and complete all remediation that may be indicated by the CPT scores, prior to graduating. Students must also hold current certification as a Florida EMT or Paramedic, or must have recently completed the EMT lecture, lab, and clinical portions of the EMT program as they are offered at St. Petersburg College.

PROGRAM REQUIREMENTS			CONTACT HOURS
FFP	0010	Fire Fighter I	225
TOTAL CONTACT HOURS			**225**

BASIC FIREFIGHTING II VOCATIONAL CERTIFICATE (FFII-VC)

Roger Melchior, Program Director (727) 341-4422

Job Related Opportunities:
- Volunteer Firefighter
- Industrial Fire Brigade Member

This vocational certificate is designed to incorporate the advanced theory and applications necessary to become certified as a Fire Fighter II. The course consists of classroom lecture and practical exercises covering topics such as: ladders, hose, fire streams, ropes and knots, rescue, ventilation, and others. Because of the physical nature of the course and the career, students are required to pass a Physical Ability Test administered by the College prior to being admitted to the course. Students who complete SPC's Vocational Certificate Program of Fire Fighter II will become eligible to take the competency test for Firefighter II which is administered by the State Fire Marshal's Bureau of Fire Standards and Training and which is required for employment as a career Firefighter.

Notes:

Students are required to take the College Placement Test (CPT) and complete all remediation that may be indicated by the CPT scores, prior to graduating. Students must also hold current certification as a Florida EMT or Paramedic, or must have recently completed the EMT lecture, lab, and clinical portions of the EMT program as they are offered at St. Petersburg College.

PROGRAM REQUIREMENTS			CONTACT HOURS
FFP	0020	Fire Fighter II	225
TOTAL CONTACT HOURS			**225**

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COLLEGE OF EDUCATION

ELEMENTARY EDUCATION (K-6) WITH INFUSED ESOL (ELED-BS)

BACHELOR OF SCIENCE DEGREE

Dr. Sally S. Naylor, Dean, 727-712-5876

Prerequisites: Admission to the College of Education – Elementary Education

EDUCATION PREREQUISITES – Grade of "C" or higher required.

EDF	1005	Introduction to Education	3
EDG	2701	Teaching Diverse Populations	3
EME	2040	Introduction to Educational Technology	3

In addition to these Education courses, 51 semester hours must be chosen from the liberal arts and science area. These courses must satisfy the general education requirements and state-mandated prerequisites.

Students who entered SPC for the first time in 2000-01 or prior OR Transfer students who entered SPC's College of Education in 2002-03:

Must satisfy SPC's General Education Requirements and the State-Mandated Prerequisites for College of Education per their appropriate SPC College Catalog. Students transferring directly into the College of Education at SPC with an AA from an approved academic institution will fall under the state mandated common prerequisites that took effect two years prior to matriculation into the upper division program.

Students who entered SPC for the first time in 2001-02 OR Transfer students entering SPC's College of Education in 2003-04:

New students must satisfy the State-Mandated Prerequisites for the College of Education per their appropriate SPC catalog. Transfer students will fall under the State-Mandated Common Prerequisites that took effect two years prior to matriculation into the upper division program at the transfer institution.

CORE REQUIREMENTS (24 credits)

Cumulative GPA of 2.5 or higher required for graduation.

EDF	3214*	Student Development & Learning Principles K-12 (5 SB hrs)	3
EDF	4430	Measurement, Evaluation & Assessment in Education K-12	2
EDG	3410	Classroom Management & Communication K-12	2
EDG	3041	PAIDEIA I	1
EDG	4043	PAIDEIA II	1
EEX	3011*	Nature & Needs of Exceptional Students K-12 (10 SB hrs)	3
EDE	4940*	Internship – Elementary Education K-6	12

MAJOR REQUIREMENTS (33 credits)

Cumulative GPA of 2.5 or higher required for graduation.

EDE	3221	Integrated Elementary Curriculum	1
EDE	3302	Preparation for & Management of Classroom Instruction	2
EDE	4220	Integrated Health & Recreation	1
EDE	4223	Integrated Music, Art & Movement for Elementary Children	1
EDE	4226	Integrated Language Arts, Children's Literature and Social Sciences	3
EDE	4304	Integrated Mathematics & Science	4
EDE	4421	Evaluation in Elementary Education	2
EDE	4943*	Integrated Mathematics & Science Practicum (40 SB hrs)	2
EDE	4942*	Integrated Language Arts, Children's Literature & Social Sciences Practicum (40 SB hrs)	2
EDF	4780	Ethical and Legal Issues in Education	1
EDG	3620	Curriculum & Instruction	2
LAE	4416	Intermediate Literacy 3-6: Writing & Thinking	3
RED	3309*	Early and Emergent Literacy K-2 (15 SB hrs)	3
RED	4511*	Intermediate Literacy 3-6: Reading & Thinking (20 SB hrs)	3

ESOL REQUIREMENTS (6 credits)

Cumulative GPA of 2.5 or higher required for graduation.

TSL	3080*	ESOL Issues: Principles & Practices I K-12 (15 SB hrs)	3
TSL	4081*	ESOL Issues: Principles & Practices II K-12 (15 SB hrs)	3

TOTAL PROGRAM HOURS 63

***School-Based Hours**

(180 clinical clock hours plus a 15 week Internship)

EDE	4940	Internship – Elementary Education K-6
EDE	4942	Integrated Language Arts, Children's Literature & Social Science Practicum (40 SB hrs)
EDE	4943	Integrated Mathematics & Science Practicum (40 SB hrs)
EDF	3214	Student Development & Learning Principles K-12 (5 SB hrs)
EEX	3011	Nature & Needs of Exceptional Students K-12 (10 SB hrs)
RED	3309	Early and Emergent Literacy – K-2 (15 SB hrs)
RED	4511	Intermediate Literacy 3-6: Reading & Thinking (20 SB hrs)
RED	4519	Diagnosis and Intervention in Reading (20 SB hrs)
TSL	3080	ESOL Issues: Principles & Practices I K-12 (15 SB hrs)
TSL	4081	ESOL Issues: Principles & Practices II K-12 (15 SB hrs)

ADDENDUM: ADDITIONAL GRADUATION REQUIREMENTS

CULTURAL DIVERSITY: (6 credits)

Six credits with an international or diversity focus. This requirement may have been satisfied in the first 60 semester hours.

FOREIGN LANGUAGE REQUIRMENTS:

Two years in high school or one year of college instruction in a single foreign language.

NOTES: For admission and graduation a cumulative GPA of 2.5 or higher is required.

Questions regarding admissions, please consult with the Dean of College of Education.

Students who have questions concerning catalog year requirements should consult the appropriate SPC College catalog or a Counselor or Academic Advisor. Students who have questions concerning state mandated prerequisites should consult www.facts.org and review the appropriate common prerequisite manual or see a Counselor or Academic Advisor.

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EXCEPTIONAL STUDENT EDUCATION (K-12) WITH INFUSED ESOL (ESED-BS)

BACHELOR OF SCIENCE DEGREE
Dr. Sally S. Naylor, Dean, 727-712-5876

Prerequisites: Admission to the College of Education – Exceptional Student Education.

EDUCATION PREREQUISITES – Grade of "C" or higher required

EDF	1005	Introduction to Education	3
EDG	2701	Teaching Diverse Populations	3
EME	2040	Introduction to Educational Technology	3

Additionally, the general education requirements and state-mandated prerequisites must be satisfied.

Students who entered SPC for first time in 2000-01 or prior OR Transfer students who entered SPC's College of Education in 2002-03:
Must satisfy SPC's General Education Requirements and the State-Mandated Prerequisites for College of Education per their appropriate SPC College Catalog. Students transferring directly into the College of Education at SPC with an AA from an approved academic institution will fall under the state mandated common prerequisites that took effect two years prior to matriculation into the upper division program.

Students who entered SPC for the first time in 2001-02 OR Transfer students entering SPC's College of Education in 2003-04:
New students must satisfy the State-Mandated Prerequisites for the College of Education per their appropriate SPC catalog. Transfer students will fall under the State-Mandated Common Prerequisites that took effect two years prior to matriculation into the upper division program at the transfer institution.

CORE REQUIREMENTS (24 credits)
Cumulative GPA of 2.5 or higher required for graduation.

EDF	3214*	Student Development & Learning Principles K-12 (5 SB hrs)	3
EDF	4430	Measurement, Evaluation & Assessment in Education K-12	2
EDG	3410	Classroom Management & Communication K-12	2
EDG	3041	PAIDEIA I	1
EDG	4043	PAIDEIA II	1
EEX	3011*	Nature & Needs of Exceptional Students K-12 (10 SB hrs)	3
EEX	4940*	Internship – Exceptional Student Education K-12	12

MAJOR REQUIREMENTS (34 credits)
Cumulative GPA of 2.5 or higher required for graduation.

EDE	4226	Integrated Language Arts, Children's Literature and Social Sciences	3
EDE	4304	Integrated Mathematics & Sciences	4
EDE	4942*	Integrated Language Arts, Children's Literature and Social Sciences Practicum (40 SB hrs)	2
EDE	4943*	Integrated Mathematics & Science Practicum (40 SB hrs)	2
EEX	3101	Survey of Normal/Abnormal Language & Speech Development	1
EEX	3240	Organization, Curriculum & Instruction for Exceptional Students	2
EEX	3280	Career/Vocational Assessment and Instructional Planning	1
EEX	4221	Educational Assessment of Exceptional Students	3
EEX	4261*	Curriculum & Instructional Strategies for Students with Behavioral Disorders & Specific Learning Disabilities (10 SB hrs)	4
EEX	4604	Behavior Management of Exceptional Students	3
RED	3309*	Early & Emergent Literacy K-2 (15 SB hrs)	3
RED	4511*	Intermediate Literacy 3-6: Reading & Thinking (20 SB hrs)	3
RED	4519*	Diagnosis and Intervention in Reading (20 SB hrs)	3

ESOL REQUIREMENTS (6 credits)
Cumulative GPA of 2.5 or higher required for graduation.

TSL	3080*	ESOL Issues: Principles & Practices I K-12 (15 SB hrs)	3
TSL	4081*	ESOL Issues: Principles & Practices II K-12 (15 SB hrs)	3

TOTAL PROGRAM HOURS 64

***School-Based Hours (190 clinical hours plus a 15 week Internship)**

EDE	4942	Integrated Language Arts, Children's Literature & Social Science Practicum (40 SB hrs)
EDE	4943	Integrated Mathematics & Science Practicum (40 SB hrs)
EDF	3214	Student Development & Learning Principles K-12 (5 SB hrs)
EEX	3011	Nature & Needs of Exceptional Students K-12 (10 SB hrs)
EEX	4261	Curriculum & Instructional Strategies for Students with Behavioral Disorders & Specific Learning Disabilities (10 SB hrs)
EEX	4940	Internship: Exceptional Student Education K-12
RED	3309	Early & Emergent Literacy K-2 (15 SB hrs)
RED	4511	Intermediate Literacy 3-6: Reading & Thinking (20 SB hrs)
RED	4519	Diagnosis and Intervention in Reading (20 SB hrs)
TSL	3080	ESOL Issues: Principles & Practices I K-12 (15 SB hrs)
TSL	4081	ESOL Issues: Principles & Practices II K-12 (15 SB hrs)

ADDENDUM: ADDITIONAL GRADUATION REQUIREMENTS

CULTURAL DIVERSITY: (6 credits)
Six credits with an international or diversity focus. This requirement may have been satisfied in the first 60 credit hours.

FOREIGN LANGUAGE:
Two years in high school or one year of college instruction in a single foreign language.

NOTES: For admission and graduation a cumulative GPA of 2.5 or higher is required.

Questions regarding admissions, please consult with the Dean of College of Education.

Students who have questions concerning catalog year requirements should consult the appropriate SPC College catalog or a Counselor or Academic Advisor. Students who have questions concerning state mandated prerequisites should consult www.facts.org. and review the appropriate common prerequisite manual or see a Counselor or Academic Advisor.

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MATHEMATICS (6-12)
(MTSED-BS)

BACHELOR OF SCIENCE DEGREE

Dr. Sally S. Naylor, Dean, 727-712-5876

Prerequisites: Admission to the College of Education – Mathematics Education.

EDUCATION PREREQUISITES: Grade of "C" or higher required.

EDF	1005	Introduction to Education	3
EDG	2701	Teaching Diverse Populations	3
EME	2040	Introduction to Educational Technology	3

Additionally, the general education requirements and state-mandated prerequisites must be satisfied.

Students who entered SPC for the first time in 2000-01 or prior OR Transfer students who entered SPC's College of Education in 2002-03:

Must satisfy SPC's General Education Requirements and the State-Mandated Prerequisites for College of Education per their appropriate SPC College Catalog. Students transferring directly into the College of Education at SPC with an AA from an approved academic institution will fall under the state mandated common prerequisites that took effect two years prior to matriculation into the upper division program.

Students who entered SPC for the first time in 2001-02 OR Transfer students entering SPC's College of Education in 2003-04:

New students must satisfy the State-Mandated Prerequisites for the College of Education per their appropriate SPC catalog. Transfer students will fall under the State-Mandated Common Prerequisites that took effect two years prior to matriculation into the upper division program at the transfer institution.

CORE REQUIREMENTS (27 credits)

Cumulative GPA of 2.5 or higher required for graduation.

EDF	3214*	Student Development & Learning Principles K-12 (5 SB hrs)	3
EDF	4430	Measurement, Evaluation & Assessment in Education K-12	2
EDG	3041	PAIDEIA I	1
EDG	3410	Classroom Management & Communication K-12	2
EDG	4043	PAIDEIA II	1
EEX	3011*	Nature & Needs of Exceptional Students K-12 (10 SB hrs)	3
MAE	4940*	Internship – Secondary Mathematics	12
RED	4335	Reading in the Content Areas	3

MAJOR REQUIREMENTS (33 credits)

Cumulative GPA of 2.5 or higher required for graduation.

STA	2023	Elementary Statistics	3
MAD	3107	Discrete Structures	3
MAE	3166*	Building Trust in the Mathematics Classroom (10 SB hrs)	1
MAE	3320	Interactive Middle School Mathematics Projects	2
MAE	3941*	Interactive Middle School Mathematics Projects Practicum (40 SB hrs)	1
MAE	4330	Instructional Methods in Secondary Mathematics with Technology	3
MAE	4641	Assessing Cognitive & Affective Issues in Learning Mathematics	2
MAE	4942*	Instructional Methods in Secondary Mathematics with Technology Practicum (40 SB hrs)	1
MAS	3105	Linear Algebra with Applications	4
MAS	4203	Number Theory	3
MAS	4301	Introductory Abstract Algebra	3
MHF	4404	Perspectives in Mathematics	3
MTG	3212	Modern Geometries	4

ESOL REQUIREMENTS (3 credits)

Cumulative GPA of 2.5 or higher required for graduation.

TSL	3080*	ESOL Issues: Principles & Practices I K-12 (15 SB hrs)	3

TOTAL PROGRAM HOURS 63

***School-Based Hours (120 clinical clock hours plus a 15 week Internship)**

EDF	3214	Student Development & Learning Principles K-12 (5 SB hrs)
EEX	3010	Nature & Needs of Exceptional Students K-12 (10 SB hrs)
MAE	3166	Building Trust in the Mathematics Classroom (10 SB hrs)
MAE	3941	Interactive Middle School Mathematics Projects Practicum (40 SB hrs)
MAE	4942	Instructional Methods in Secondary Mathematics with Technology Practicum (40 SB hrs)
MAE	4940	Internship – Secondary Mathematics
TSL	3080	ESOL Issues: Principles & Practices I K-12 (15 SB hrs)

ADDENDUM: ADDITIONAL GRADUATION REQUIREMENTS

CULTURAL DIVERSITY: (6 credits)

Six credits with an international or diversity focus. This requirement may have been satisfied in the first 60 credit hours.

FOREIGN LANGUAGE:

Two years in high school or one year of college instruction in a single foreign language.

NOTES: For admission and graduation a cumulative GPA of 2.5 or higher is required.

Questions regarding admissions, please consult with the Dean of College of Education.

Students who have questions concerning catalog year requirements should consult the appropriate SPC College catalog or a Counselor or Academic Advisor. Students who have questions concerning state mandated prerequisites should consult www.facts.org. and review the appropriate common prerequisite manual or see a Counselor or Academic Advisor.

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SCIENCE EDUCATION
BIOLOGY EMPHASIS (6-12)
(BSCED-BS)

BACHELOR OF SCIENCE DEGREE

Dr. Sally S. Naylor, Dean, (727) 712-5876

Prerequisites: Admission to the College of Education – Science Education

EDUCATION PREREQUISITES – Grade of "C" or higher required

EDF	1005	Introduction to Education	3
EDG	2701	Teaching Diverse Populations	3
EME	2040	Introduction to Educational Technology	3

Additionally, the general education requirements and state-mandated prerequisites must be satisfied.

Students who entered SPC for first time in 2000-01 or prior OR Transfer students who entered SPC's College of Education in 2002-03:

Must satisfy SPC's General Education Requirements and the State-Mandated Prerequisites for College of Education per their appropriate SPC College Catalog. Students transferring directly into the College of Education at SPC with an AA from an approved academic institution will fall under the state mandated common prerequisites that took effect two years prior to matriculation into the upper division program.

Students who entered SPC for the first time in 2001-02 OR Transfer students entering SPC's College of Education in 2003-04:

New students must satisfy the State-Mandated Prerequisites for the College of Education per their appropriate SPC catalog. Transfer students will fall under the State-Mandated Common Prerequisites that took effect two years prior to matriculation into the upper division program at the transfer institution.

CORE REQUIREMENTS (27 credits)

Cumulative GPA of 2.5 or higher required for graduation

EDF	3214*	Student Development & Learning Principles K-12 (5 SB hrs)	3
EDF	4430	Measurement, Evaluation & Assessment in Education K-12	2
EDG	3041	PAIDEIA I	1
EDG	3410	Classroom Management & Communication K-12	2
EDG	4043	PAIDEIA II	1
EEX	3011*	Nature & Needs of Exceptional Students K-12 (10 SB hrs)	3
RED	4335	Reading in the Content Areas	3
SSE	4940*	Internship – Secondary Science with Emphasis in Biology	12

MAJOR REQUIREMENTS (34 credits)

Cumulative GPA of 2.5 or higher required for graduation

BCH	3023	Elementary Organic & Biological Chemistry	3
BSC	3096C	Human Biology with Lab	4
BSC	4032*	Issues & Challenges in Science Education (30 SB hrs)	3
PCB	3043C	Concepts of Ecology with Lab	4
PCB	3063C	Genetics with Lab	4
PCB	4674	Adaptations of Plants and Animals	3
PCB	4723C	Comparative Animal Physiology with Lab	3
SCE	3030*	Science Matters (15 SB hrs)	2
SCE	3945*	Interactive Projects That Promote Learning in Science (40 SB hrs)	3
SCE	4330	Instructional Methods in Secondary Science and Assessment with Technology	4
SCE	4940*	Instructional Methods in Secondary Science and Assessment with Technology Practicum (40 SB hrs)	1

ESOL REQUIREMENTS (3 credits)

Cumulative GPA of 2.5 or higher required for graduation

TSL	3080*	ESOL Issues: Principles & Practices I K-12 (15 SB hrs)	3

TOTAL PROGRAM HOURS 64

***School-Based Hours (155 clinical clock hours plus a 15 week Internship)**

BSC	4033	Issues & Challenges in Science Education (30 SB hrs)
EDF	3214	Student Development & Learning Principles K-12 (5 SB hrs)
EEX	3010	Nature & Needs of Exceptional Students K-12 (10 SB hrs)
SCE	3030	Science Matters (15 SB hrs)
SCE	3945	Interactive Projects That Promote Learning in Science (40 SB hrs)
SCE	4940	Instructional Methods in Secondary Science & Assessment with Technology Practicum (40 SB hrs)
SSE	4940	Internship – Secondary Science with Emphasis in Biology
TSL	3080	ESOL Issues: Principles & Practices I K-12 (15 SB hrs)

ADDENDUM: ADDITIONAL GRADUATION REQUIREMENTS

CULTURAL DIVERSITY: (6 credits)

Six credits with an international or diversity focus. This requirement may have been satisfied in the first 60 semester hours.

FOREIGN LANGUAGE:

Two years in high school or one year of college instruction in a single foreign language.

NOTES: For admission and graduation a cumulative GPA of 2.5 or higher is required.

Questions regarding admissions, please consult with the Dean of College of Education.

Students who have questions concerning catalog year requirements should consult the appropriate SPC College catalog or a Counselor or Academic Advisor. Students who have questions concerning state mandated prerequisites should consult www.facts.org. and review the appropriate common prerequisite manual or see a Counselor or Academic Advisor.

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COLLEGE OF NURSING

NURSING, BSN
(NURS-BS)

BACHELOR OF SCIENCE DEGREE

Dr. Jean Wortock, Dean, (727) 341-3640

GENERAL EDUCATION COURSES (30 credits)

ENC	1101	Composition I	3
Communication Approved Course			3
Humanities/Fine Arts Approved Courses			6
SPC	1600	Introduction to Speech Communication **OR** (SPC 1016 or 1060)	3
Mathematics		One college-level course with a MAC, MAP, MAS or MGF prefix	3
STA	2023	Elementary Statistics	3
PSY	1012	General Psychology	3
POS	2041	American National Government	3
PHI	1600	Studies in Applied Ethics **OR** PHI 1631	3

SUPPORT COURSES (12 credits)

BSC	1085/1085L	Human Anatomy & Physiology I and Lab	3,1
BSC	1086/1086L	Human Anatomy & Physiology II and Lab	3,1
MCB	2010/2010L	Microbiology and Lab	3,1

MAJOR COURSES (79 credits)

Lower Division Nursing (by transfer)			**39**
NUR	3655	Nursing in Multicultural Society	2
NUR	3066C	Health Assessment and Physical Appraisal	4
NUR	3805	Professional Roles and Dimensions of Nursing Practice	4
NUR	3125	Pathophysiology	3
NUR	4165	Introduction to Nursing Research	2
NUR	4285	Aging and End of Life Issues	3
NUR	4606	Nursing of Family Theory	3
NUR	4606L	Nursing of Family Practicum	7
NUR	4636	Community Health Nursing Theory	3
NUR	4636L	Community Health Practicum	4
NUR	4838	Leadership Theory	2
NUR	4838L	Leadership Practicum	3
	TOTAL PROGRAM HOURS		**121**

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COLLEGE OF DENTAL HYGIENE

DENTAL HYGIENE (DENH-BAS)

BACHELOR OF APPLIED SCIENCE DEGREE

Tami J. Grzesikowski, Dean, (727) 341-3671

GENERAL EDUCATION (30 credits)

ENC	1101	Composition I	3
Communications		One college-level course with an AML, ENC, ENL or LIT prefix	3
Humanities/Fine Arts		Two college-level courses with an ARH or HUM prefix or MUH 1110 or MUL 1010 or PHI 1010 or REL 2300	6
SPC	1600	Introduction to Speech Communication	3
Mathematics		Two college-level courses with an MAC, MGF, MTG or STA prefix	6
PSY	1012	General Psychology	3
PHI	1600	Applied Ethics **OR** (PHI 1602H, 1631, 2649, or 1603 and 2621 or 2622)	3
POS	2041	American National Government	3

SUPPORT COURSES (12 credits)

BSC	1085/1085L	Human Anatomy and Physiology I and Lab	3,1
BSC	1086/1086L	Human Anatomy and Physiology II and Lab	3,1
MCB	2010/2010L	Microbiology and Lab	3,1

Lower Division Dental Hygiene (by transfer)	**38**
Upper Division Dental Hygiene (by credentials)	**10**

MAJOR COURSES (30 credits)

DEH	3813	Contemporary Issues in Dental Hygiene	4
DEH	3814	Introduction to Dental Hygiene Research	3
DEH	3730	Dental Hygiene Educational Concepts	3
DEH	4607	Advanced Periodontics	3
DEH	4851	Dental Hygiene Practice Management	3
DEH	4852	Advanced Ethics for Dental Hygienists	3
DEH	4947	Dental Hygiene Practicum	8
DEH	4938	Leadership Theory with Dental Hygiene	3

* Additional requirements

TOTAL PROGRAM HOURS **120**

* Students must meet foreign language, computer competency and CLAST requirements prior to graduation.

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COLLEGE OF TECHNOLOGY MANAGEMENT

TECHNOLOGY MANAGEMENT (TMGT-BAS)

BACHELOR OF APPLIED SCIENCE DEGREE

Dr. Shri Goyal, Dean, 727-791-2735

LOWER DIVISION REQUIREMENTS

Admission requires an A.S. Degree of **sixty (60) credits in a technology discipline** *(see program admission for a list of acceptable disciplines)* with at least fifteen (15) credit hours in transferable general education.

General Education Credits	15-21
Technology and Support Courses	39-45

Note: Students may be admitted with an A.A. Degree with approval by the Dean. If general education hours for an A.A. Degree have been completed, the student must complete twenty-one (21) credits in a single technical major in place of additional general education required of the A.S. student.

ADDITIONAL GENERAL EDUCATION COURSES (15 – 21 credits)

A.	COMMUNICATIONS	9
B.	HUMANITIES/FINE ARTS	6
C. *	MATHEMATICS	6
D.	NATURAL & PHYSICAL SCIENCES	6-7
E. *	SOCIAL AND BEHAVIORAL SCIENCES	6
F.	ETHICS	3
G.	COMPUTER/INFORMATION LITERACY COMPETENCY	
	(No minimum, examination or credit course required.)	

*Students who want to earn a Masters Degree in a Business discipline should select MAC 1105, MAC 2233, STA 2023, ECO 2013 and ECO 2023.

UPPER DIVISION REQUIREMENTS

An additional 15-21 general education credits are required to complete the thirty-six (36) general education requirement of St. Petersburg College. **(Refer to the College Catalog for a list of specific courses for each category above and for general education course descriptions.)** Lower and Upper division general education must total a minimum of thirty-six (36) credits**.**

REQUIRED MAJOR COURSES (30 credits)

BUL	3564	Legal Aspects of Managing Technology	3
COM	3120	Organizational Communication	3
ETI	4448	Applied Project Management	3
FIN	3400	Finance for Managers	3
ISM	3930*	Seminars in Technology and Management	2
ISM	3432	Quality Assurance Methodology	3
ISM	4480	Electronic Commerce Systems & Strategies	3
ISM	4881	Senior Capstone Project	3
MAN	3240	Applied Organizational Behavior	4
MAN	3504	Operations Management: An Enterprise Overview	3

* One credit seminar with different topics repeated for total of two credits.

ELECTIVE COURSES (10-15 credits)

ETI	3124	Effective Software Testing Methodologies	3
ETI	3413	Manufacturing Systems and Processes	3
ETI	4621	Techniques in Lean Manufacturing	3
ISM	3203	Data Analysis and Information Modeling	3
ISM	3232	Advanced Business Applications Development	3
ISM	3401	Business Architecture and Process Modeling	3
ISM	3930	Seminars in Technology and Management	1
ISM	4212	Database Design and Operation	3
ISM	4220	Network Management for Information Professionals	3
ISM	4234	Software Development Management	3
ISM	4301	Managing Information Resources and Services	3
ISM	4323	Security Essentials	3
MAN	3949	Cooperative Work Experience	3
MAR	3802	Technical Marketing for Managers	3
MAN	4151	Motivational and Team Building Strategies	3
	TOTAL PROGRAM HOURS		**120**

NOTE: Completion of the College Level Academics Skill Test (CLAST), unless exempted is required.
If you have not completed two years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.A.S. program.

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TECHNOLOGY MANAGEMENT
(TMGT-BAS)

BACHELOR OF APPLIED SCIENCE DEGREE
WITH SPECIALIZATION TRACKS

Three specialization tracks are available

1. ENGINEERING TECHNOLOGY MANAGEMENT

*ETI	3413	Manufacturing Systems and Processes	3
*ETI	4621	Techniques in Lean Manufacturing	3
ISM	4323	Security Essentials	3
MAR	3802	Technical Marketing for Managers	3
***EIN**	**4YYY**	**Facilities Planning and Material Handling**	**3**
EIN	**4XXX**	**Advanced Quality Assurance Methodology**	**3**

2. NETWORK MANAGEMENT

ISM	3232	Advanced Business Applications Development	3
ISM	4212	Database Design and Operations	3
*ISM	4220	Network Management for Information Professionals	3
ISM	4234	Software Development Management	3
*ISM	4301	Managing Information Resources and Services	3
*ISM	4323	Security Essentials	3
MAR	3802	Technical Marketing for Managers	3

3. SOFTWARE SYSTEMS DEVELOPMENT MANAGEMENT

ETI	3124	Effective Software Testing Methodologies	3
*ISM	3203	Data Analysis and Information Modeling	3
*ISM	3232	Advanced Business Applications Development	3
ISM	3401	Business Architecture and Process Modeling	3
ISM	4212	Database Design and Operations	3
*ISM	4234	Software Development Management	3
ISM	4323	Security Essentials	3
MAR	3802	Technical Marketing for Managers	3

GENERAL (additional) ELECTIVE COURSES

ISM	3930	Seminars in Technology and Management	1
MAN	3949	Cooperative Work Experience	3
		TOTAL PROGRAM HOURS	**120**

* The asterisks courses are required courses for the track.

NOTE: Completion of the College Level Academics Skill Test (CLAST), unless exempted is required.

If you have not completed two years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.A.S. program.

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THE UNIVERSITY PARTNERSHIP CENTER (UPC)

The University Partnership Center (UPC) is an alliance with 14 colleges and universities offering 42 bachelors, 20 graduate degree programs, certificates and teacher re-certification in Pinellas County. After reviewing the information listed and deciding upon a program to pursue, call the UPC and we will direct you to a Program Advisor from our partnering institutions. They will send you detailed information about the programs they are offering. These program advisors serve as liaison between the UPC and the institution they represent. They will be able to answer questions about their programs, prerequisite requirements, transfer information, transcripts and fees.

Or, if you are unsure about a program to pursue, contact the UPC and we will arrange a face-to-face meeting to assist you in finding an appropriate degree program to capitalize on your background, previous education and training, and personal and career interests.

The University Partnership Center will hold information sessions periodically; check the UPC web site, www.upcspc.com, periodically for dates and locations of upcoming information sessions. Representatives from each of the partnering institutions will be there to provide information to prospective students, to answer questions about their programs, and to advise students preparing for admission. This is a wonderful opportunity to learn more about the programs being offered through the UPC and to have your questions answered.

To become a University Partnership Center student, you must meet the admission requirements and be admitted to one of the 14 partner colleges and universities. You apply to the college or university from which you intend to receive your degree. This becomes your "home" campus even though you will never need to go to that campus until you walk across the stage at graduation. All classes for your degree program choice will be taught at the UPC in Pinellas County. Generally speaking, you are eligible to become a UPC student when you have completed your Associate in Arts or Associate in Science degree, or you are about to complete 60 hours of college-level credit, although each university partner and the specific program may have specific requirements (AA or AS, for example) for admission.

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University Partnership Center
St. Petersburg College

Earn your bachelor's or graduate degree without leaving Pinellas County.

Programs available at the University Partnership Center in Pinellas County

Bachelor's Degrees

- Accounting
- Business Management
- Business Administration
- Child Development
- Computer Science
- Construction Engineering Technology
- Criminal Justice
- Dental Hygiene
- Electrical Engineering
- Electronic Engineering Technology
- Elementary Education (2)
- Emergency Health Services
- Engineering Technology
- English
- Exceptional Student Education
- Exercise Science
- General Business
- Health Sciences
- Hospitality Management
- Information Systems
- Information Systems Technology
- Interdisciplinary Social Sciences
- Legal Studies
- Marketing
- Nursing (3)
- Professional Administration
- Professional Aeronautics
- Professional Studies (Human Resources)
- Psychology
- Public Administration
- Secondary Education - Biology
- Secondary Education - Mathematics
- Social Work
- Sport Management
- Technical Management
- Technology Management
- Visual Disabilities

Graduate Degrees

- Master of Aeronautical Science
- Master of Business Administration
- Master of Education in Educational Leadership
- Master of Education in Instructional Technology
- Master of Public Administration
- Master of Science in Acquisition and Contract Management
- Master of Science in Adult Education
- Master of Science in Criminology/Criminal Justice Studies
- Master of Science in Exercise Science
- Master of Science in Hospitality & Tourism Management
- Master of Science in Human Resources Management
- Master of Science in Logistics Management
- Master of Science in Mechanical Engineering
- Master of Science in Nursing (2)
- Master of Science in Health Sciences
- Master of Science in Management/Risk Management Insurance
- Master of Science in Sport Management
- Master of Social Work
- Master of Science in Transportation Management
- Education Specialist in Instructional Technology
- Doctor of Education in Leadership Development
- Doctor of Education in Higher Education
- Doctor of Pharmacy

Certificates

- Certificate in Community College Executive Leadership
- Teacher Certification - Visual Disabilities

Admission to bachelor's degree programs offered through the University Partnership Center requires an A.A. or A.S. degree, or approximately 60 hours of college credit.

University Partnership Center Seminole Campus

Degrees offered in Pinellas County from these University Partnership Center partners

USF · Eckerd College · University of Florida · Florida State University · Embry-Riddle Aeronautical University · University of Central Florida · FIU Florida International University · Saint Leo University · Florida Gulf Coast University · Florida Tech · The George Washington University Medical Center · St. Petersburg College SPC

For information:

Phone:
727-394-6200

E-mail:
upc@spcollege.edu

Web:
www.upcspc.com

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FLORIDA'S STATEWIDE COURSE NUMBERING SYSTEM

Courses in this catalog are identified by prefixes and numbers that were assigned by Florida's Statewide Course Numbering System. This common numbering system is used by all public postsecondary institutions in Florida and by twenty-six participating non-public institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the Statewide Course Numbering System (SCNS). The list of course prefixes and numbers, along with their generic titles, is referred to as the "SCNS taxonomy." Descriptions of the content of courses are referred to as "course equivalency profiles."

Example of Course Identifier

Prefix	Level Code (first digit)	Century Digit (second digit)	Decade Digit (third digit)	Unit Digit (fourth digit)	Lab Code
SYG	**1**	**0**	**1**	**0**	
Sociology, General	Freshman Level at this institution	Entry-level General Sociology	Survey Course	Social Problems	No Laboratory Component in this course

General Rule for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions. (Exceptions are listed below.)

For example, a survey course in social problems is offered by 34 different postsecondary institutions. Each institution uses "SYG _010" to identify its social problems course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, "SYG" means Sociology, General," the century digit "0" represents "Entry-level General Sociology," the decade digit "1" represents "Survey Course" and the unit digit "0" represents "Social Problems."

In science and other areas, a "C" or "L" after the course number is known as a lab indicator. The "C" represents a combined lecture and laboratory course. The "L" represents a laboratory course or the laboratory part of a course, having the same prefix and course number without a lab indicator, which may meet at a different time or place.

Transfer of any successfully completed course from one institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, SYG 1010 is offered at a community college while the same course is offered at a state university as SYG 2010. A student who has successfully completed SYG 1010 at the community college is guaranteed to receive transfer credit for SYG 2010 at the state university upon transfer. The student cannot be required to take SYG 2010 again since SYG 1010 is equivalent to SYG 2010. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements on the same basis as credit awarded to the native students. It is the prerogative of the receiving institution to offer transfer credit for courses successfully completed which have not been designated as equivalent.

The Course Prefix

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area or sub-category of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the prefix designation..

Authority for Acceptance of Equivalent Courses

State Board of Education Rule 6A-10.024(19), Florida Administrative Code, reads:

> When a student transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the common course designation and numbering system, the receiving institution shall award credit for courses satisfactorily completed at the previous participating institutions when the courses are judged by the appropriate common course designation and numbering system faculty task forces to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The award of credit may be limited to courses that are entered in the course numbering system. Credits so awarded shall satisfy institutional requirements on the same basis as credits awarded to native students.

Exceptions to the General Rule for Equivalency

The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution:

A. Courses in the *900-999* series (e.g., HUM 2905).
B. Internships, practica, clinical experiences and study abroad courses.
C. Performance or studio courses in Art, Dance, Theater and Music.
D. Skills courses in Criminal Justice.
E. Graduate courses.
F. Courses not offered by the receiving institution.

College preparatory and vocational preparatory courses may not be used to meet degree requirements and are not transferable.

Questions about the Statewide Course Numbering System and appeals regarding course credit transfer decisions should be directed to the Senior Vice President of Educational and Student Services at the District Office or the Florida Department of Education, Office of Articulation, 1401Turlington Building, Tallahassee, Florida 32399-0400. Special reports and technical information may be requested by calling telephone number (850) 245-0427 or SunCom 205-0427.

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DIRECTORY OF COURSE PREFIXES

ABBREV.	TITLE
ACG	Accounting General
AMH	American History
AML	American Literature
ANT	Anthropology
APA	Applied Accounting
ARC	Architecture
ARH	Art History
ART	Art
ASC	Aviation Science: General
AST	Astronomy
ATE	Animal Science Technology
BCH	Biochemistry (Biophysics)
BCN	Building Construction
BCT	Building Construction Trades
BOT	Botany
BSC	Biological Sciences
BUL	Business Law
CCJ	Criminology and Criminal Justice
CDA	Computer Design/Architecture
CEN	Computer Engineering
CET	Computer Engineering Technology
CGS	Computer General Studies (Non-Computer Science)
CHM	Chemistry
CIS	Computer Science and Information Systems
CJB	Criminal Justice Basic Training
CJD	Criminal Justice Development
CJE	Criminal Justice: Law Enforcement
CJL	Law & Process
CJT	Criminal Justice Technologies
CLP	Clinical Psychology
CLT	Classical Literature In Translation
COM	Communications
COP	Computer Programming
CPO	Comparative Politics
CRW	Creative Writing
CTS	Computer Technology and Skills
DAA	Dance, Emphasis on Activity
DEH	Dental Hygiene
DEP	Developmental Psychology
DES	Dental Support
EAP	English As a Second Language
ECO	Economics
EDE	Education: Elementary
EDF	Education: Foundations and Policy Studies
EDG	Education: General
EDP	Educational Psychology
EEC	Education: Early Childhood
EET	Electronic Engineering Technology
EEX	Education: Exceptional Child – Core Competencies
EGS	Engineering: Support
EHD	Education: Hard of Hearing & Deaf
EME	Education: Technology and Media
EMS	Emergency Medical Services
ENC	English Composition
ENG	English -General
ENL	English Literature
EST	Electronic Specialty Technology
ETD	Engineering Technology: Drafting
ETI	Engineering Technology: Industrial
EUH	European History
EVS	Environmental Science
FFP	Fire Fighting and Protection
FIL	Film
FIN	Finance
FOS	Food Science
FRE	French Language
FSE	Funeral Services
FSS	Food Service Systems
GEA	Geography: Regional Areas
GEB	General Business
GLY	Geology
GRA	Graphic Arts
GRK	Modern Greek Language
HFT	Hospitality Management
HIM	Health Information Management
HIS	General History and Histriography
HLP	Health, Leisure, and Physical Education
HSA	Health Services Administration
HSC	Health Sciences
HUM	Humanities
HUN	Human Nutrition
HUS	Human Services
IDS	Interdisciplinary Studies
INR	International Relations
ISC	Interdisciplinary Sciences
ISM	Information Systems Management
JOU	Journalism
LAE	Language Arts and English Education
LAT	Latin (Language study)
LIS	Library and Information Studies
LIT	Literature
MAC	Mathematics- Calculus & Precalculus
MAD	Mathematics- Discrete
MAE	Mathematics Education
MAN	Management
MAP	Mathematics Applied
MAR	Marketing
MAS	Mathematics -Algebraic Structures
MAT	Mathematics
MCB	Microbiology
MET	Meteorology
MGF	Mathematics- General & Finite
MHF	Mathematics – History and Foundation
MKA	Marketing Applications
MLT	Medical Laboratory Technology
MMC	Mass Media Communication
MNA	Management: Applied
MTB	Mathematics-Technical and Business
MTG	Mathematics – Topology and Geometry
MUC	Music: Composition
MUG	Music: Conducting
MUH	Music: History/Musicology
MUL	Music Literature
MUN	Musical Ensembles
MUO	Music: Opera/Musical Theatre
MUS	Music
MUT	Music: Theory
MVB	Applied Music: Brasses
MVK	Applied Music: Keyboard
MVP	Applied Music: Percussion
MVS	Applied Music: Strings
MVV	Applied Music: Voice
MVW	Applied Music: Woodwinds
NUR	Nursing, Generic Undergraduate
OCB	Biological Oceanography
OCE	General Oceanography
ORI	Oral Interpretation
OST	Office Systems Technology
PCB	Process Biology (Cell/Molecular/Ecology/Genetics/Physiology)
PEL	Physical Education Activities (Gen) – Object Centered, Land
PEM	Physical Education Activities (General) – Performance Centered, Land
PEN	Physical Education Activities (General) – Water, Snow , Ice
PET	Physical Education Theory
PGY	Photography
PHH	Philosophy, History of
PHI	Philosophy
PHT	Physical Therapy
PHY	Physics
PLA	Paralegal/Legal Assistant/Legal Administration
POS	Political Science
PPE	Personality
PSC	Physical Sciences
PSY	Psychology
REA	Reading
RED	Reading Education
REE	Real Estate
REL	Religion
RET	Respiratory Care
RTE	Radiologic Technology
SBM	Small Business Management
SCE	Science Education
SCC	Security
SLS	Student Life Skills (Learning)
SOP	Social Psychology
SPA	Speech Pathology and Audiology
SPC	Speech Communication
SPN	Spanish Language
SPW	Spanish Literature (Writings)
SSE	Social Studies Education
STA	Statistics
SYG	Sociology, General
SYP	Social Processes
TAR	Technical Architecture
TAX	Taxation
THE	Theatre Studies and General Resources
TPA	Theatre Production and Administration
TPP	Theatre Performance and Performance Training
TSL	Teaching English as a Second Language
WOH	World History

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AREAS OF STUDY AND COURSE PREFIXES

Accounting	ACG, APA, FIN, TAX
Anatomy	BSC
Anthropology	ANT
Architecture	ARC, TAR
Art	ARH, ART, GRA
Astronomy	AST
Biology	BSC, PCB
Biochemistry (Biophysics)	BCH
Botany	BOT
Building Construction	BCN, BCT
Business, General	GEB
Business Law	BUL
Business Math	MTB
Business Technologies	ACG, BUL, CDA, CGS, COP, CTE CTS, FIN, GEB, MAN, MAR, MKA, MNA, MTB, OST, PLA, REE, SBM
Chemistry	CHM
Communication	COM
Criminal Justice	CCJ, CJB,CJD, CJE, CJL, CJT, SCC
Computer Science	CDA, CEN, CGS, CIS, COP, CTS, ISM
Cooperative Education	Offered in various disciplines
Dance	DAA
Dental Hygiene	DEH, DES
Digital Media	GRA
Earth Science	ISC
Economics	ECO
Education	EDE, EDF, EDG, EEC, EEX, EHD, EME, LAE, RED, SCE, SSE, TSL
Emergency Administration and Mgt.	FFP
Emergency Medical Services	EMS
Engineering Technology	CET, CGS, CIS, COP, EET, EGS, EST, ETD, ETI
English	CRW, ENC, ENG
English as a Second Language	EAP
Environmental Science	EVS
Ethics	PHI
Film	FIL
Finance	FIN
Fire Science	FFP
Foreign Languages	
French	FRE, FRW
Greek	GRK
Latin	LAT
Russian	RUS
Spanish	SPN, SPW
Funeral Services	FSE
Geology	GLY
Geography	GEA
Graphic Arts	GRA (see also ART)
Health	HLP, HSC
Health Information Management	HIM, HSA, HSC
History	AMH, EUH, HIS, WOH
Hospitality Management	FOS, FSS, HFT
Human Services	HUS, SYG
Humanities	HUM
Information Systems Management	ISM
Interdisciplinary Studies	IDS
Journalism	JOU
Legal Assisting	PLA
Library and Information Studies	LIS
Literature	AML, CLT, ENL, LIT
Logic	PHI
Management	MAN, MNA
Marketing	MAR, MKA
Mass Media Communication	MMC
Mathematics	MAC, MAD, MAE, MAP, MAS, MAT, MGF, MHF, MTB, MTG, STA
Medical Laboratory Technology	MLT
Medical Records	HIM
Meteorology	MET
Microbiology	MCB
Music	MUC, MUG, MUH, MUL, MUN, MUO, MUS, MUT, MVB, MVK, MVP, MVS, MVV, MVW
Mythology, Greek	CLT
Nursing	NUR
Nutrition	HUN
Oceanography	OCB, OCE
Office Systems Technology	OST
Philosophy	PHH, PHI
Photography	PGY
Physical Education	DAA, HLP, PEL, PEM, PEN, PET
Physical Science	AST, EVS, PSC
Physical Therapy	PHT
Physics	PHY
Political Science	CPO, INR, POS
Psychology	CLP, DEP, EDP, PPE, PSY, SOP
Radiography	RTE
Reading	REA, RED
Real Estate	REE
Religion	REL
Respiratory Care	RET
Science Education	SCE
Sign Language Interpretation	EHD, SPA
Social Studies Education	SSE
Sociology	SYG, SYP
Speech	ORI, SPA, SPC
Student Life Skills	SLS
Teaching English As A Second Language	TSL
Theatre	THE, TPA, TPP
Veterinary Technology	ATE

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LOWER DIVISION COURSE DESCRIPTIONS

Courses which have a "G" under the prefix and number are recommended as fulfilling the writing requirements of the State Board of Education Rule 6-A-10.30 (2) as defined in the St. Petersburg College Board of Trustees General Education Program requirements.

Waivers of prerequisites may be granted by program directors under certain conditions. Students who feel that they have sufficient training and/or experience to warrant an exception of the prerequisite should consult with the program director involved.

ACG 2001 APPLIED FINANCIAL ACCOUNTING I ..... 3 credits
This course is a study of basic accounting principles including the recording and reporting of financial activity. It includes the preparation and interpretation of financial statements for a sole proprietorship or corporation. It emphasizes an applied approach with computer applications to the study of financial accounting. 47 contact hours.

ACG 2011 APPLIED FINANCIAL ACCOUNTING II ..... 3 credits
Prerequisite: ACG 2001. This course is a continuation of Applied Financial Accounting I with additional concern on the preparation and interpretation of financial statements for the partnership and corporation. It emphasizes an applied approach with computer applications to the study of financial accounting. 47 contact hours.

ACG 2021 FINANCIAL ACCOUNTING ..... 3 credits
This course is a study of basic accounting principles including the recording and reporting of financial activity. The preparation and interpretation of financial statements with emphasis on the corporation is also studied. 47 contact hours.

ACG 2062 MICROCOMPUTER ACCOUNTING ..... 3 credits
Prerequisites: ACG 2011 or ACG 2021 and CGS 1100 or permission of program director. This course offers an overview of microcomputer accounting and its application in the business environment. The student will progressively work through accounting cycles for service and merchandise businesses using general ledger; special journals; voucher system; inventory system; sales and service order processing; basic fixed asset management; payroll; financial analysis; and basic computer accounting system set up. Ten-key computer entry will be verified and students will work in popular computer environments. 47 contact hours.

ACG 2071 MANAGERIAL ACCOUNTING ..... 3 credits
Prerequisite: ACG 2011 or ACG 2021. This course is a study of product costing, cost-volume-profit analysis, budgetary planning and control, the statement of cash flows and financial statement analysis. Emphasis will be placed on applications in order to illustrate the accounting principles. 47 contact hours.

ACG 2100 INTERMEDIATE ACCOUNTING I ..... 3 credits
Prerequisite: ACG 2011 or ACG 2021. The emphasis in this course is on accounting theory, concepts and analysis of the problems that arise in the application of these underlying concepts to financial accounting. Attention is given to the use of accounting information as it applies to an overview of the accounting process and detailed analysis of the income statement and asset sections of the balance sheet as a basis for decisions by management, stockholders, creditors, and other users of financial statements. 47 contact hours.

ACG 2110 INTERMEDIATE ACCOUNTING II ..... 3 credits
Prerequisite: ACG 2011 or ACG 2021. The emphasis in this course is on accounting theory, concepts and analysis of the problems that arise in the application of these underlying concepts to financial accounting. Attention is given to the use of accounting information as it applies to other assets, liability and equity sections of the balance sheet along with the analytical use of financial statements. 47 contact hours.

AMH 1091 "G" AFRICAN-AMERICAN HISTORY ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course examines the development of the Black presence in America. The concern will be to study the economic, social, and psychological factors that led to slavery, the practical consequences of slavery on Black and White social groups, the events and individuals who contributed to the elimination of slavery, the struggle for citizenship and self-worth, the artistic contributions, the social justice movement of the 1970's, and the current social condition defining the Black experience in America. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

AMH 2010 "G" HISTORY OF THE UNITED STATES I ..... 3 credits
Prerequisite: (ENC 0020 and REA 0002) or EAP 1695, or appropriate score on the SPC placement test. This course addresses history in the land that becomes the United States of America, beginning with the migration of the Western Hemisphere's original inhabitants. It briefly surveys the pre-Columbian Native American cultures. It also examines the impacts of the European "discovery" and settlement of North America on various groups of Native Americans, on Europeans at home and in the colonies, and on Africans forced into slavery in the New World. The course emphasizes the political, economic, social, cultural and religious aspects of life in the English North American colonies through their evolution into the United States, from the country's developmental years through the end of the Civil War. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

AMH 2020 "G" HISTORY OF THE UNITED STATES II ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or appropriate score on the SPC placement test. This course covers the history of the United States from the post-Civil War period (1865) to the present. Emphasis is placed on the social, economic, political and diplomatic history. The course is designed to present history as a dynamic process, encouraging students to think historically and to encourage students to value history. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

AMH 2059 "G" THE UNITED STATES IN VIETNAM ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course is an examination of involvement in the conflict in Vietnam including the origins of the involvement, the military and diplomatic history of the war, the impact of the war, and autobiographical narratives related to participation in the war. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

AMH 2070 FLORIDA HISTORY ..... 3 credits
This course outlines chronologically the economic, social, geographic and political background of Florida from the time of discovery through settlement, colonization and statehood. Florida's role in the Civil War and Reconstruction Period is reviewed and the state's agricultural development into the 20th century is described. Current issues including the impact of urbanization, tourism, and industrialization are emphasized. 47 contact hours.

AML 1604 AFRICAN-AMERICAN LITERATURE ..... 3 credits
Prerequisite: (ENC 0020 and REA 0002) or EAP 1695 or appropriate score on the SPC placement test. This course is designed to survey the major fiction, poetry, drama, and essays of selected African writers through the twentieth century. It emphasizes issues and ideas that have influenced African-American literary expression and explores personal responses to the African-American experience as reflected in American culture. It examines African-American literature through four periods: Slavery, The Civil War and Reconstruction, The Harlem Renaissance, and The Contemporary Period. It traces human experience as it unfolds in African-American literature, exploring the historical

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background, social issues, and ideologies of each period and the impact of the African-American experience upon American culture. This course has a substantial reading and writing requirement. 47 contact hours.

AML 2001 INTRODUCTION TO AMERICAN FOLKLORE ..... 3 credits

Prerequisite: ENC 0020 or EAP 1695 or a satisfactory score on the SPC placement test. A survey of the major aspects of American folklore, this course is designed to increase the student's general knowledge of folklore in the United States; to familiarize the student with major techniques for collecting, editing, and evaluating folklore; to familiarize the student with major scholarship in the field; and to develop within the student a sense of appreciation of folklore. This course has a substantial writing requirement. 47 contact hours.

AML 2012 AMERICAN LITERATURE I ..... 3 credits
"G"

Prerequisite: (IDS 1101H or ENC 1101 or ENC 1121H) and (REA 0002 or EAP 1695) or appropriate score on the placement test. This is a course designed to survey American literature through the nineteenth century, with special emphasis on the Romanticism and Realism as well as methods of library research, writing of the research paper and the paper of literary interpretation. Included are selected works of major writers such as Edgar Allan Poe, Nathaniel Hawthorne, Herman Melville, Ralph Waldo Emerson, Henry David Thoreau, Walt Whitman, Emily Dickinson, Mark Twain, Stephen Crane and Henry James. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

AML 2022 AMERICAN LITERATURE II ..... 3 credits
"G"

Prerequisite: (IDS 1101H or ENC 1101 or ENC 1121H) and (REA 0002 or EAP 1695) or appropriate score on the placement test. This is a course designed to survey American literature of the 20th century to the present. Included are selected works of major writers such as Robert Frost, Carl Sandburg, T. S. Eliot, E. E. Cummings, F. Scott Fitzgerald, William Faulkner, Ernest Hemingway, Norman Mailer, Bernard Malamud, Flannery O'Connor, James Baldwin, James Dickey, and Sylvia Plath. This course also stresses methods of library research and emphasizes writing of the research paper and the paper of literary interpretation. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. American Literature I is not necessarily a prerequisite to this course. 47 contact hours.

ANT 2000 INTRODUCTION TO ANTHROPOLOGY ..... 3 credits
"G"

Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course is an introduction to the science of man and his culture, defining the branches of anthropology, its methods, and its relation and contributions to the other disciplines. Emphasis will be given to the universal and the unique aspects of man's adaptation to his environment and to his biological origins. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

ANT 2003 SURVEY OF ANTHROPOLOGY ..... 3 credits
"G"

Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course is a survey of the broad field of Anthropology and an explanation of selected contemporary problems. The origin of these problems and alternate solutions, derived from a cross-cultural approach, will be considered. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

ANT 2381 CULTURE AND SOCIETY OF SPAIN ..... 3 credits

Prerequisite: Permission of program director. This course includes a study of Spanish life and character as it manifests itself in history, regional personality, celebrations, music, legendary figures, art and architecture. Special emphasis will be given to the southern part of Spain, Andalusia, which preserves the diverse cultural heritage of Europe, Africa and the Orient (Near East). This course is offered as part of the Semester Experience Abroad program in Seville, Spain. 47 contact hours.

ANT 2410 CULTURAL ANTHROPOLOGY ..... 3 credits
"G"

Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course is the study of the influence of culture on human behavior. The course deals with cultural variations and similarities in the areas of subsistence techniques and technology, family and kinship, social order and disorder, and world view. This course partially satisfies the Gordon Rule writing requirement outlined in the General Education Requirements. 47 contact hours.

ARC 1126C ARCHITECTURAL DRAWING I ..... 3 credits

This is an introductory drafting course oriented toward students entering the career areas of building design and/or construction. Six class and laboratory hours weekly.

ARC 1211 THE BUILDING ARTS ..... 3 credits

This course covers the role of the architect in urban and social systems—past, present and future. An analysis of the scope of the profession and its problems, emphasizing the broad range of physical, cultural, and sociological factors which influence architecture is included. 47 contact hours.

ARC 1301 ARCHITECTURAL DESIGN I ..... 4 credits

This is an introductory course interfacing communication skills with design thinking. Emphasis is on the awareness and understanding of basic organization ideas in design. 122 contact hours.

ARC 1302 ARCHITECTURAL DESIGN II ..... 4 credits

Prerequisite: ARC 1301. An analysis course that uses the study of architectural precedent as a foundation for the development of communication and design skills. Eight class and laboratory hours weekly.

ARC 1701 ARCHITECTURAL HISTORY I ..... 3 credits

This course is a general survey of social, political, and cultural factors which have generated art and architecture from prehistoric times through the 18th century. Instruction also includes drawings and sketches of major buildings. An annotated sketchbook will be required. 47 contact hours.

ARC 1702 ARCHITECTURAL HISTORY II ..... 3 credits

A general survey of the social, political and cultural factors which have generated art and architecture from the 18th century to the present. The elements of architecture, described by Vitruvious as Function, Strength and Aesthetics, will be analyzed in significant buildings from the Age of Enlightenment to the current works by contemporary architects. Instruction also includes drawings and sketches of major buildings. An annotated sketchbook will be required. 47 contact hours.

ARC 2201 ARCHITECTURAL THEORY I ..... 3 credits

Prerequisites: ARC 1211, ARC 1701, ARC 2303, PHY 1053, MAC 2233. This course is a theoretical exploration into the meaning and goals of architecture; an investigation of the creative process of design. 47 contact hours.

ARC 2303 ARCHITECTURAL DESIGN III ..... 4 credits

Prerequisite: ARC 1302. This course is an introduction to the forces, both physical and perceptual, which determine the varied environments which man creates, or otherwise alters. Emphasis will be placed on (1) becoming aware of the forces which contribute to the environment; (2) gathering and organizing data supporting the existence of these forces; and (3) discovering means to communicate these findings. Eight class and laboratory hours weekly.

ARC 2304 ARCHITECTURAL DESIGN IV ..... 4 credits

Prerequisites: PHY 1053, MAC 2233, ARC 2303 with a grade of C, and a personal interview and a review of the student's portfolio and academic record by an architecture faculty committee is required for admission to this course. This course is a continuation of Architectural Design III, basic studies in perception of the components of architecture. This course has a substantial writing requirement. Eight class and laboratory hours weekly.

ARC 2461 MATERIALS AND METHODS OF CONSTRUCTION I ..... 3 credits

This course is an introduction to materials and methods used in wood frame, masonry, concrete and steel construction. Laboratory work will consist of "hands on" experience and field trips to construction sites. Six hours weekly.

ARC 2501 ARCHITECTURAL STRUCTURES I ..... 4 credits

Prerequisites: PHY 1053, MAC 2233, and ARC 2303. This course is a study of basic principles of static mechanics and strength of materials relating to the design, investigation, and behavior of structural elements and systems of buildings. This course has a substantial writing requirement. Four hours weekly.

ARH 1000 UNDERSTANDING ART ..... 3 credits
"G"

Pre- or corequisite: ENC 0020 or EAP 1695 or satisfactory score

on the SPC placement test. This is a beginning course for any student curious about art and why it looks the way it does. Students will explore a variety of visual experiences in relationship to their seeing, feeling, thinking and self. They will examine, discuss, and handle two-and three-dimensional media. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

ARH 2050 ART HISTORY I ..... 3 credits
"G" Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This is a study of the origin and development of painting, sculpture, architecture and significant crafts from prehistoric times through the Middle Ages period. This course partially satisfies the Gordon Rule writing requirement outlined in the General Education Requirements. 47 contact hours.

ARH 2051 ART HISTORY II ..... 3 credits
"G" Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course is a study of the development of painting, sculpture, and architecture from the Renaissance to the twentieth century. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

ARH 2840 SPANISH ART HISTORY ..... 3 credits
Prerequisite: Permission of Program Director. This course includes the study of outstanding examples of architecture, painting, and sculpture, emphasizing the early Roman and Moorish contributions as well as the great Spanish painters of the Renaissance and the 19th and 20th centuries. Included in this course are cultural trips to museums, galleries and monuments in Seville. This course is offered as a part of the Semester Experience Abroad program in Seville, Spain. 47 contact hours.

ART 1110C CERAMICS I ..... 3 credits
This course presents the basic concepts of ceramic design, as well as the various methods of construction and firing pieces. May be repeated once for credit. 92 contact hours.

ART 1201C DESIGN I ..... 3 credits
This course is a foundation course developing knowledge and perception of two-dimensional form and its elements. This course is an introduction to basic design concepts, skills, and processes necessary for all art careers. 92 contact hours.

ART 1203C DESIGN II ..... 3 credits
Prerequisite: ART 1201C. This is a foundation course developing knowledge and perception of three-dimensional form and its elements. An expansion of design skills, processes and concepts of design necessary for all art careers are discussed. Six class and studio hours weekly.

ART 1300C DRAWING I ..... 3 credits
This course is an introduction to basic drawing skills, concepts and processes through a structured learning situation. Various media are used. 92 contact hours.

ART 1301C DRAWING II ..... 3 credits
Prerequisite: ART 1300C. This course is an in-depth study of drawing with an emphasis upon classical drawing ideals and techniques as they pertain to the depiction of the human figure. Six class and studio hours weekly.

ART 1751C CERAMICS II ..... 3 credits
Prerequisite: ART 1110C or permission of instructor. This course is an extension of ART 1110C. This course addresses advanced throwing techniques, creative handbuilding, glaze formulation and firing processes. Six class and studio hours. (May be repeated once for credit.)

ART 2253C ILLUSTRATION ..... 3 credits
Prerequisite: ART 1201C, ART 1300C. This course is an introduction to the concepts and methods of illustration which permit visual-verbal relationships to be formed. Stressing concept, students will develop visual solutions, which parallel and/or expand upon verbal information. The student will also develop self-expression within the parameters of the field of illustration and the practical aspects of an illustration career. A wide variety of media and imagery will be employed. 92 contact hours.

ART 2400C PRINTMAKING I ..... 3 credits
Prerequisite: ART 1300C. This course is an exploration of figure/ground theory as related to 2D visual design and picture making. Basic skills in relief printing (linocut, woodcut, collograph, etc.) will be explored. Also included will be painterly processes such as monoprints. Six class and studio hours per week. (May be repeated once for credit.)

ART 2500C PAINTING I ..... 3 credits
Prerequisite: ART 1201C and ART 1300C. This course is an introduction to the materials, techniques and concepts of painting through a structured learning situation. Six class and studio hours weekly.

ART 2501C PAINTING II ..... 3 credits
Prerequisite: ART 2500C. This course is a continuation of Painting I with an emphasis on individual development. Six class and studio hours weekly.

ASC 1010 AVIATION HISTORY ..... 3 credits
This course is a study of individuals who have thought that man need not be earthbound, of their contributions to aviation, and the impact of their ideas and effect on man's history. Upon successful completion of this course, the student will be able to identify significant developments that brought United States aviation to its present state; and in light of the past, evaluate better such developments as they come to pass in the future. Three hours weekly.

AST 1002 UNIVERSE: THE INFINITE FRONTIER ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, and MAT 0024. This course is a survey of astronomy that includes an introduction to the characteristics, origin, and evolution of the solar system, our sun and other stars, the Milky Way galaxy, other galaxies, and the Universe. It will include a consideration and perspective from the time of ancient astronomers to that developed from the latest astronomical research and theories. (This course may not be taken for credit subsequent to receiving a grade of "C" or better in any course with an AST prefix.) 47 contact hours.

AST 1003 THE SOLAR SYSTEM ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, and MAT 0024. This course is a study of earth as a planet, the moon, and the sun, measurement of time, eclipses, planets and their satellites, comets, meteors, and various theories of the origin of the solar system. Consideration will be given to the historical development of the science and the basic principles of mechanics as applied to astronomy. (This course may not be taken for credit subsequent to receiving a grade of "C" or better in AST 1002.) 47 contact hours.

AST 1004 STELLAR ASTRONOMY ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, and MAT 0024. This course is a study of the sun as a star, physical properties of the stars, basic principles of spectroscopy as applied to astronomy, double stars, variable stars, star clusters, gaseous nebulae, stellar motions and distributions, the Milky Way system, the external galaxies, the expanding universe, and the cosmic time scale. Also included is discussion of astronomical instruments. (This course may not be taken for credit subsequent to receiving a grade of "C" or better in AST 1002.) 47 contact hours.

AST 1022L OBSERVATIONAL ASTRONOMY LABORATORY ..... 1 credit
Pre- or corequisite: AST 1002 or AST 1003 or AST 1004. This is a laboratory course to provide those experiences in observation needed by the beginning astronomy student and the interested amateur. Topics will include astronomical coordinate systems, characteristics of telescopes, telescopic observation of celestial objects, astrophotography, and applications of desktop planetarium software. 45 contact hours.

ATE 1110 ANIMAL ANATOMY ..... 3 credits
Prerequisite: Approval of program director. Corequisite: ATE 1110L. This course will teach the fundamentals of anatomy of domestic animals, especially the canine, with emphasis on locating and identifying the anatomical regions and landmarks. Introduction to descriptive and topographical terms to aid the student in communicating with the professional staff. 47 contact hours or equivalent.

ATE 1110L ANIMAL ANATOMY LABORATORY ..... 1 credit
Corequisite: ATE 1110. This course is designed to acquaint the student with the fundamental techniques involved in anatomic dissection as well as necropsy procedures. This laboratory will

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correlate with lecture material learned in Animal Anatomy and will help to visualize these concepts. 47 contact hours or equivalent.

ATE 1211 ANIMAL PHYSIOLOGY ..... 3 credits
Pre- or corequisites: ATE 1110, ATE 1110L. This course is designed to acquaint the student with physiology of the domestic animal species. The course emphasizes the differences between the systems of the domestic animals, such as the metabolism and digestive processes of the ruminants, non-ruminant monogastric and monogastric species. Aspects of physiology relating to the pathogenesis of certain diseases will also be discussed. 47 contact hours.

ATE 1311L VETERINARY OFFICE PROCEDURES ..... 1 credit
Prerequisite: MGF 1106 or MAT 1033 or any three credit course with MGF, MAC or STA prefix. This course is designed to acquaint the student with mathematics and office procedures used in veterinary hospital management and veterinary computer applications. Three hours weekly.

ATE 1633C SMALL ANIMAL NUTRITION ..... 1 credit
Prerequisite: Admission to the veterinary technology program. This course is an elective introductory course for students accepted in the veterinary technology program that provides identification and function of nutrients, understanding of pet food labels, and applications for wellness, life stage, and therapeutic nutrition (prescription foods) for dogs and cats. 32 contact hours or equivalent.

ATE 1636 LARGE ANIMAL CLINICAL AND NURSING SKILLS ..... 2 credits
This course is designed to acquaint the student with the fundamentals of farm animal herd health management, reproductive physiology, and lactation physiology. Aspects of farm animal husbandry will be discussed. 32 contact hours.

ATE 1650L VETERINARY CLINICAL PRACTICE I ..... 1 credit
This course is designed to acquaint the student with basic laboratory and nursing skills, including restraint, history taking, examination room techniques, administration of medication, basic parasitology, and basic clinical pathology procedures. 47 contact hours or equivalent.

ATE 1654L VETERINARY CLINICAL PRACTICE II ..... 1 credit
Pre- or corequisites: ATE 1650L, ATE 1110. This is a course designed to acquaint the student with basic skills in radiology and surgical nursing. 47 contact hours or equivalent.

ATE 1671L LABORATORY ANIMAL MEDICINE ..... 1 credit
Prerequisite: ATE 2651L. This course is a study of the technical clinical aspects of laboratory animal care, including restraint and handling, common diseases, and nutrition. The animals studied include rabbits, rats, mice, guinea pigs, hamsters, and primates. 45 contact hours.

ATE 1741 VETERINARY MEDICAL TERMINOLOGY ..... 1 credit
This course is an introduction to medical terminology and veterinary terminology. Included is an introduction to the foundation of veterinary and medical language such as word roots, prefixes, suffixes and combining forms. 16 contact hours.

ATE 1943 VETERINARY WORK EXPERIENCE I ..... 1 credit
This course consists of supervised clinical experience in a work place approved by the instructor. A maximum of 64 hours, including work hours at a full service veterinary clinic and 3 class meetings, is required. 64 contact hours.

ATE 1944 VETERINARY WORK EXPERIENCE II ..... 1 credit
Prerequisite: ATE 1943. A course consisting of supervised clinical experience in a work place approved by the instructor. A maximum of 65 hours, including emergency clinic shifts and three class meetings, is required. May be repeated one time for credit in a clinical worksite approved by the instructor.

ATE 2050C SMALL ANIMAL BREEDS AND BEHAVIOR ..... 1 credit
This is a lecture/lab course on normal canine and feline behavior, obedience training and feline training. Discussion topics will include normal canine and feline behavior and causes of behavior problems in dogs and cats. The student will train a dog and a cat, will discuss or apply corrections for common behavioral problems, and will learn about the different canine and feline breeds. 32 contact hours.

ATE 2501C PROFESSIONAL DEVELOPMENT SEMINAR ..... 1 credit
This course is designed to acquaint the student with the laws and the agencies governing the care, use and movement of animals and livestock. The course includes veterinary ethics, resume writing and effective job seeking techniques. Three hours weekly.

ATE 2611 ANIMAL MEDICINE I ..... 3 credits
Pre- or co-requisite: ATE 1211. This is a course designed to acquaint the student with history taking, examination room techniques, anesthesiology, asepsis and general and surgical instrument identification and care. 47 contact hours or equivalent.

ATE 2612 ANIMAL MEDICINE II ..... 3 credits
Prerequisite: ATE 1211. The course topics include immunity disease prevention, common vaccinations and diseases in small animals, zoonotic disease, health hazards in veterinary practice, and veterinary dentistry. 47 contact hours or equivalent.

ATE 2631 ANIMAL NURSING I ..... 3 credits
This course is a study of the technical skills of medicating animals, taking and processing radiographs, and surgical instrumentation. 47 contact hours or equivalent.

ATE 2634 ANIMAL NURSING II ..... 3 credits
Prerequisite: ATE 1211. This course is a study of the principles and practices related to veterinary pharmacology, obstetrics and pediatric care. Lecture topics will include a review of veterinary pharmacy and pharmacology, pharmacokinetics, principles of small animal obstetrics, and veterinary pediatric medicine. Emphasis is on the application of the principles of pharmacology, obstetrics and pediatrics in small animal veterinary practice. 47 contact hours.

ATE 2638 ANIMAL LABORATORY PROCEDURES I ..... 3 credits
Prerequisites: BSC or ZOO, ATE 1211. Corequisite: ATE 2638L. This lecture course is designed to introduce the veterinary technician student to common parasites and their life cycles seen in routine veterinary practice. Hematology and the kinetics of the hematopoietic system are discussed with emphasis on normal blood smears and common changes seen during disease states of domestic animals. 47 contact hours.

ATE 2638L ANIMAL LABORATORY PROCEDURE LABORATORY ..... 2 credits
Corequisite: ATE 2638. This course is designed to acquaint the student with laboratory procedures of principles applying Animal Laboratory Procedures. 90 contact hours.

ATE 2639 ANIMAL LABORATORY PROCEDURES II ..... 3 credits
Prerequisite: ATE 2638. Corequisite ATE 2639L. This lecture course serves as a continuation of ATE 2638 and covers topics of immunology; organ function and diagnostic testing. Additional topics include normal and abnormal exfoliative cytology; veterinary microbiology and the evaluation of endocrine disorders. 47 contact hours.

ATE 2639L ANIMAL LABORATORY PROCEDURES LAB II ..... 2 credits
Prerequisite: ATE 2638L. Corequisite ATE 2639. This course provides experience in the clinical application of the techniques discussed in Animal Laboratory Procedures II in the areas of immunology; clinical chemistry, cytology, veterinary microbiology, coagulation testing, abnormal and comparative hematology. 90 contact hours.

ATE 2651L ANIMAL NURSING AND MEDICINE LABORATORY I ..... 2 credits
Prerequisites: ATE 1654L, ATE 1311L, ATE 1211. Prerequisites or corequisites: ATE 2611, ATE 2631. This course is designed to acquaint the student with laboratory procedures, exam room techniques, anesthesia, and principles of radiology practices utilized in veterinary hospitals. 92 contact hours.

ATE 2653L ANIMAL NURSING AND MEDICINE LABORATORY II ..... 2 credits
Prerequisite: ATE 2651L. A continuation of ATE 2651L, activities to include performing advanced technical procedures in veterinary anesthesia, animal nursing care, and veterinary radiology procedures. 92 contact hours.

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ATE 2656L LARGE ANIMAL CLINICAL AND NURSING SKILLS LAB ..... 1 credit
Pre- or corequisite ATE 1636. This course is designed to acquaint the student with the fundamentals of large animal husbandry, herd health management, preventive medicine, animal restraint and nutrition as it relates to the bovine, equine, porcine and caprine species. 45 contact hours.

ATE 2661 LARGE ANIMAL DISEASES ..... 1 credit
Prerequisite: ATE 1636. This course is designed to acquaint the student with the fundamentals of preventative medicine and common diseases present in the large animal species. Aspects of equine, bovine, ovine and porcine diseases and common treatments will be emphasized. 17 contact hours or equivalent.

ATE 2710 ANIMAL EMERGENCY MEDICINE ..... 1 credit
Prerequisite or corequisite: ATE 1211. This course is designed to acquaint the student with fundamentals of emergency veterinary medicine, including office and record systems, veterinary emergency first aid, toxicology, as well as knowledge of assistance in specialized veterinary medical and surgical techniques relating to common emergencies. 17 contact hours.

ATE 2722 AVIAN AND EXOTIC PET MEDICINE ..... 2 credits
Prerequisite: ATE 2638. This course is designed to acquaint the student with the fundamentals of avian and exotic pet husbandry, physiology, management and medicine. This class includes the following vertebrate groups as lecture topics: reptiles, birds and exotic mammals. Two hours weekly.

ATE 2945 VETERINARY WORK EXPERIENCE III ..... 1 credit
Prerequisite: ATE 1944. Pre- or corequisite: ATE 2651L. A course consisting of supervised clinical experience in a work place approved by the instructor. A maximum of 65 hours, including emergency clinic shifts and three class meetings, is required. May be repeated one time for credit in a clinical worksite approved by the instructor.

ATE 2946 VETERINARY WORK EXPERIENCE IV ..... 1 credit
Prerequisite: ATE 2945. This course consists of supervised clinical experience in a work place approved by the instructor. A maximum of 64 hours, including emergency clinic shifts and 3 class meetings, is required. 64 contact hours.

BCN 1050 BUILDING SPECIFICATIONS ..... 1 credit
This course is an introduction to the professional written requirements of contracts, plans and specifications which are legal documents governing the construction of buildings. Discussions will include the Uniform Construction Index, data filing systems, data organization and format, Sweet's Catalog Files and Standardized Software. 16 contact hours.

BCN 1057 RESIDENTIAL HEATING, VENTILATING & AIR CONDITIONING (HVAC) SYSTEMS ..... 1 credit
This course is an introduction to heating, ventilation and air conditioning systems installed in residential home building. Systems will be studied for code requirements, installation procedures and working principles. 16 contact hours.

BCN 1058 RESIDENTIAL PLUMBING SYSTEMS ..... 1 credit
This course is an introduction to plumbing systems installed in residential home building. A segment of the class will include central vacuum systems. Systems will be studied for code requirements, installation procedures, and working principles. 16 contact hours.

BCN 1059 RESIDENTIAL ELECTRICAL SYSTEMS ..... 1 credit
This course is an introduction to electrical systems installed in residential home building. Systems will be studied for code requirements, installation procedures, and working principles. 16 contact hours.

BCN 1251C CONSTRUCTION DRAWING ..... 3 credits
This course is an introduction to the tools and techniques used in producing drafted construction drawings. Emphasis is on residential construction. Six class and laboratory hours weekly.

BCN 1272 BLUEPRINT READING ..... 2 credits
This course is an introduction to the reading and interpretation of architectural working drawings. Topics include history of recorded drawings, architectural and structural details, materials, structural, mechanical and electrical systems and related building code requirements. Emphasis is on residential plans. 32 contact hours.

BCN 1930 HURRICANE RESISTANT DESIGN FOR RESIDENTIAL CONSTRUCTION ..... 1 credit
This course is an overview of the design and construction of hurricane-resistant structures for contractors and builders. Topics covered will include the impact of recent hurricanes on the construction industry, basic engineering principles (wind loads, shear walls, diaphragms, uplift, overturning, etc.), structural failure, waterproof construction (roofing, storm surge, doors and windows, etc.) and insurance topics. Emphasis will be on new code requirements and construction techniques for residential construction. 16 contact hours.

BCN 1940 CONSTRUCTION PRACTICUM ..... 3 credits
Prerequisite: TAR 2122C. This course is an intensive study in an area of special interest to the student in the building construction program. Six hours weekly.

BCN 2014 OCCUPATIONAL SAFETY AND HEALTH (OSHA) STANDARDS FOR THE CONSTRUCTION INDUSTRY ..... 1 credit
This course is an overview of the Occupational Safety and Health Act (OSHA) and its relationship to the construction industry. Topics include history, general OSHA standards, job safety, health hazards, fire protection and prevention, material storage, handling, use and disposal, and hand and power tools. 16 contact hours.

BCN 2052 MASONRY CONSTRUCTION METHODS ..... 1 credit
This course is a survey of the basic principles and methods used in the construction of concrete block and brick masonry structures. Topics include materials, properties, products, accessories and reinforcing steel used in masonry construction. 17 contact hours.

BCN 2053 RESIDENTIAL ROOFING SYSTEMS ..... 1 credit
This course is a survey of roofing systems used in residential construction. Topics include materials, products, accessories, underlayments, substrates, flashing, code applications and construction methods for membrane, composition shingle, tile, metal and wood roofing systems. 16 contact hours.

BCN 2054 CONSTRUCTION SURVEYING METHODS ..... 1 credit
Prerequisite: Any college-level math course with an MAC, MAT, MGF, or STA prefix. This course is an overview of the basic principles and methods used in surveying as related to building construction, including general surveying principles, site surveys, contours, elevations, building layout, and levels. 16 contact hours.

BCN 2055 CONCRETE CONSTRUCTION METHODS ..... 1 credit
This course is a survey of the basic principles and methods used in the construction of buildings in which the primary structural system is reinforced concrete. 16 contact hours.

BCN 2056 STEEL CONSTRUCTION METHODS ..... 1 credit
This course is a survey of the basic principles and methods used in the construction of buildings in which the primary structural system is steel. 16 contact hours.

BCN 2068 THE A.D.A.: PRIMER FOR CONTRACTORS ..... 1 credit
An introduction to the requirements of the "Americans with Disabilities Act (ADA)" as it relates to the design of new, and the renovation of existing buildings. 16 contact hours.

BCN 2070 AVOIDING AND RESOLVING CONSTRUCTION CLAIMS ..... 1 credit
This course is an overview of the nature of the construction industry, the individuals who participate in projects, some of the reasons disputes arise, and a review of how to resolve disputes. Topics covered will include a basic review of the various types of contracts used in the industry, the determination and allocation of risks, the variety of methods and options available for the resolution of disputes, and a case study to illustrate the principles discussed. 16 contact hours.

BCT 1600 CONSTRUCTION ESTIMATING ..... 3 credits
Prerequisites: ARC 2461 and either ARC 1126C or BCN 1251C or permission of the instructor. This course is an introduction in

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computations for labor, materials, equipment, overhead, and profit for residential construction projects. "Take offs" will be made from working drawings. Three hours weekly.

BCT 1760 BUILDING CODES ..... 2 credits
An introduction to the Southern Standard Building Code and local zoning codes which are laws governing the construction of buildings. Other documents are discussed including: National Electric Code, Life Safety Code, state building codes, testing agencies, accessibility and governmental agencies which impact on the construction industry. 32 contact hours.

BCT 2066 RCS-96 HURRICANE CODE ..... 1 credit
This course is an in-depth look into the requirements of the "Construction Standards for Residential Structures (RCS-96)", the hurricane code for residential construction located in some of the municipalities of Pinellas County. 16 contact hours.

BCT 2067 SSTD 10-96 "DEEMED TO COMPLY" ..... 1 credit
This course is an in-depth look into the requirements of the "Standard for Hurricane Resistant Residential Construction (SSTD 10-96)", the "Deemed to Comply" hurricane code for residential construction in high wind areas. 16 contact hours.

BCT 2601 ADVANCED ESTIMATING AND SCHEDULING ..... 3 credits
Prerequisite: BCT 1600. This course is an in-depth continuation of Construction Estimating, using the components of commercial buildings. Emphasis will be on the use and application of estimating computer software. Three hours weekly.

BCT 2705 JOB SITE SUPERINTENDING ..... 3 credits
Prerequisites: BCN 1251C or BCN 1272, and BCN 1050, BCT 1760, BCN 2014, BCT 1600. This course is an in-depth look at the challenges and responsibilities of a construction job site superintendent. Major topics to be covered include job site management, workplace safety, long range and short range planning, project estimating and scheduling. Emphasis will be on developing the critical thinking skills necessary to become a successful construction job site superintendent. 47 contact hours.

BCT 2715 ADVANCED CONSTRUCTION PROJECT MANAGEMENT ..... 3 credits
Prerequisite: BCT 2601 or BCT 2705. Students will be expected to have a working knowledge of computers, Internet access and a current email address. This course is an in-depth look at the challenges of coordinating and managing large-scale construction projects. Major topics include construction participants, contracts, pre-construction planning, bidding, negotiating, inspections, codes, safety, project closeout and conflict resolution. Emphasis will be on the use of computer technology as a tool in the management process. 47 contact hours.

BOT 1000C BOTANY WITH LAB ..... 4 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, and MAT 0024 or satisfactory score on the SPC placement test. This course is an introductory study of plant biology for non-science majors with an emphasis on those principles applicable to all forms of life. Lecture and laboratory include exploration of plant taxa, the chemistry of photosynthesis, the structure and function of plant systems, ecological systems and field relationships. Three hours of lecture and three hours of laboratory weekly are required.

BSC 1005 BIOLOGICAL SCIENCE ..... 3 credits
Prerequisites: (ENC 0020, REA 0002 and MAT 0024) or EAP 1695 and MAT 0024. This is a survey course for students who choose a major other than science. Topics included are the scientific method, basic chemistry of life, plant and animal kingdoms, the cell, selected human systems including human reproduction and embryological development, genetics, evolution, and selected contemporary issues in biology. (This course may not be taken for credit subsequent to receiving a grade of "C" or better in BSC 2010, BSC 2011.) 47 contact hours.

BSC 1005L BIOLOGICAL SCIENCE LABORATORY ..... 1 credit
Pre- or corequisite: BSC 1005. This is a laboratory experience to accompany Biological Science for students who do not intend to major in Natural Science or medical fields. 45 contact hours.

BSC 1083 HUMAN ANATOMY ..... 3 credits
Prerequisite: (ENC 0020 and REA 0002) or EAP 1695. This course is a study of the general and specific structural anatomy of the human body. The systems approach is used, examining each major body system in detail. The systems covered include integumentary, skeletal, muscular, nervous, sensory, reproductive, endocrine, cardiovascular, lymphatic, respiratory, digestive, and urinary. 47 contact hours.

BSC 1083L HUMAN ANATOMY LABORATORY ..... 1 credit
Prerequisite: (ENC 0020 and REA 0002) or EAP 1695. Corequisite: BSC 1083. This course is a laboratory study of the general and specific structure of the human body for students in need of comprehensive information on human anatomy. Systems studied include integumentary, skeletal, muscular, nervous, sensory, reproductive, endocrine, cardiovascular, lymphatic, respiratory, digestive, and urinary. 47 contact hours.

BSC 1085 HUMAN ANATOMY & PHYSIOLOGY I ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, MAT 0024. Corequisite: BSC 1085L. This course is a study of the general and specific structural anatomy and physiology of the human, including the requisite principles of chemistry that influence homeostasis. The systems approach is used incorporating chemical functions with human structure, from the cell to the entire organism. Each system is presented in sufficient depth to provide a comprehensive understanding of systems for students in the life and health sciences. The systems covered include integumentary, skeletal, muscular, and nervous. 47 contact hours.

BSC 1085L HUMAN ANATOMY & PHYSIOLOGY LABORATORY I ..... 1 credit
Corequisite: BSC 1085. This course is a laboratory study of the specific structure and function of the human body beginning with the cell and stressing the chemical processes important in maintenance of homeostasis. The systems studied include integumentary, skeletal, muscular and nervous. 45 contact hours.

BSC 1086 HUMAN ANATOMY & PHYSIOLOGY II ..... 3 credits
Prerequisite: BSC 1085. Corequisite: BSC 1086L. This course is a continuation of Human Anatomy & Physiology I. This course is a study of the general and specific structural anatomy and physiology of the human, including the requisite principles of chemistry that influence homeostasis. The systems approach is used; incorporating chemical functions with human structure, from the cell to the entire organism. Each system is presented in sufficient depth to provide a comprehensive understanding of systems for students in the life and health sciences. The systems covered include reproductive, endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, and urinary. 47 contact hours.

BSC 1086L HUMAN ANATOMY & PHYSIOLOGY LABORATORY II ..... 1 credit
Corequisite: BSC 1086. This course is a laboratory study of the specific structure and function of the human body beginning with the cell and stressing the physical and chemical processes important in maintenance of homeostasis. The systems studied include lymphatic, endocrine, respiratory, digestive, cardiovascular, urinary, and reproductive. 45 contact hours.

BSC 1930 BIOLOGICAL ISSUES ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002 and MAT 0024) or (EAP 1695 and MAT 0024) or (satisfactory scores on the SPC placement test.) This course is designed to afford the student an opportunity to investigate current biological issues of importance to society through lecture and discussion. Issues may include, but are not limited to, methods of science, ethical issues in science, genes and genomes, biodiversity and evolution, populations, ecology and conservation, sociobiology and reproductive strategies, and the biological basis of cancer, AIDS, and other diseases. 47 contact hours.

BSC 2010 BIOLOGY I – CELLULAR PROCESSES ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002 and MAT 0024) or (EAP 1695 and MAT 0024) or (satisfactory scores on the SPC placement test) and CHM 1025 or one year of high school chemistry. Corequisite: BSC 2010L. The biological topics related to cells are studied in detail. These topics include molecular biology, genetics, cell types, cell structure and functions, embryology, and evolution. This course is designed for science majors and to prepare the student for Biology II and must be taken in sequence. 47 contact hours.

BSC 2010L BIOLOGY I LABORATORY ..... 1 credit
Corequisite: BSC 2010. This is a laboratory experience to accompany Biology I. Laboratory exercises related to cellular biol-

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ogy are studied in detail and include: basic biochemistry, cell structure and function, molecular biology, embryology, and genetics. 45 contact hours.

BSC 2011 BIOLOGY II – ORGANISMS AND ECOLOGY ..... 3 credits
Prerequisite: BSC 2010 and 2010L. Corequisite: BSC 2011L. The biological topics related to organisms and their environment are studied in detail. These topics include taxonomy, systematics, physiology, reproduction, ecology, ethology, and evolution. 47 contact hours.

BSC 2011L BIOLOGY II LABORATORY ..... 1 credit
Prerequisite: BSC 2010 and BSC 2010L. Corequisite: BSC 2011. This is a laboratory experience to accompany Biology II. Laboratory exercises related to organisms and their environment are studied in detail and include: ecology, taxonomy, physiology, reproduction, evolution, and ethology. 45 contact hours.

BSC 2250C FIELD BIOLOGY OF FLORIDA PLANTS AND ANIMALS WITH LAB ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002 and MAT 0024) or (EAP 1695 and MAT 0024) or (appropriate scores on the SPC placement test). This course emphasizes field-laboratory recognition and environmental relationships of the plants and animals of Florida. Lectures will emphasize basic ecological concepts while the laboratory experience will emphasize identification of representative forms of life of the various biotic communities of the Florida Suncoast. Natural and artificial biological communities will be visited. Two lecture hours and one three hour laboratory weekly.

BSC 2362C TROPICAL ECOLOGY WITH LAB ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, MAT 0024 or appropriate scores on the SPC placement test. This course emphasizes field recognition and observation of ecological relationships of plants and animals of the New World tropics. Lectures and discussion will emphasize basic ecological concepts, such as the niche concept, symbiosis, competition, and predation, while the field experience will emphasize identification of representative forms of life of various tropical ecosystems in a country located within the Neotropics. Natural and artificial biological communities will be visited. This course may not be offered every session. Contact a Natural Science Program Director for availability and duration. This course may be repeated with permission of the program director. 86 contact hours.

BUL 2131 LEGAL ENVIRONMENT OF BUSINESS ..... 3 credits
This course is designed to give the student an understanding of the historical bases for the formation of both statutory and administrative laws and their impact upon the business community. This will be accomplished by including such topics as the structure of the American legal system, alternate dispute resolution, constitutional law, administrative law, criminal and civil liability, consumer protection, creditor's rights and bankruptcy, employment regulations, securities and antitrust regulations, intellectual property law, contracts, business organizations, environmental and property laws, ethics, and the legal environment of international trade. 47 contact hours.

BUL 2241 BUSINESS LAW I ..... 3 credits
This course is comprised of a study of the nature, classification and characteristics of law including the study of jurisdiction and functions of the court system, torts, crimes, government regulations of competition, environmental law, contracts, and sales of goods. 47 contact hours.

BUL 2242 BUSINESS LAW II ..... 3 credits
This course is comprised of the study of principles of business organizations, negotiable commercial paper, secured transactions, insurance, bankruptcy, agency and employment, wills, estates, and trusts. 47 contact hours.

BUL 2561 CYBERLAW ..... 3 credits
Prerequisite: GEB 1011. This course gives the business or computer science student an overview of the legal issues involved in the emerging business realm of cyberspace. Topics include jurisdiction, intellectual property, taxation, on-line contracting, First Amendment issues, and criminal liability. 47 contact hours.

CCJ 1020 INTRODUCTION TO CRIMINAL JUSTICE ..... 3 credits
This course is an introduction to the philosophical and historical background of the American Criminal Justice System. Discussed are the organization, operation and processes of the justice system components: police, courts and corrections. 47 contact hours.

CCJ 1112 CRIME PREVENTION AND ANALYSIS ..... 3 credits
Prerequisite: Admission to the Security Management Administration program. This course provides the student with an overview of crime prevention and analysis. Students will learn the theories and methods of crime prevention. They will also learn analytic techniques to gauge the relative merit of specific crime prevention efforts. Areas will include the development of crime prevention as a field of criminological inquiry, as well as data sources that assist in analyzing crime patterns and the effectiveness of prevention efforts. 47 contact hours.

CDA 2500 DATA COMMUNICATIONS ..... 3 credits
Prerequisite: CGS 1000 or permission of the instructor/director. This course is designed as an introduction to the expanding telecommunication field. Topics covered include the design of communications networks, telecommunications protocol, types of devices, and procedures for organizing and controlling the flow of data through telecommunications lines. 47 contact hours.

CEN 1300 IMPLEMENTING AND SUPPORTING MICROSOFT WINDOWS XP PROFESSIONAL ..... 3 credits
The purpose of this course is to address the implementation and desktop support needs of customers that are planning to deploy and support Microsoft Windows XP Professional in a variety of stand-alone and network operating system environments. This course will address customers' needs for knowledgeable personnel that can support desktops running Windows XP Professional. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. The cost of the textbook is included in the lab fee. 47 contact hours.

CEN 1301 MANAGING AND MAINTAINING A MICROSOFT WINDOWS SERVER 2003 ENVIRONMENT ..... 3 credits
Prerequisite: CEN 1300. This course provides students with the knowledge and skills necessary to enable them to perform various tasks pertaining to managing accounts and resources in a Microsoft Windows Server 2003 environment. These tasks include managing user, computer, and group accounts; managing access to network resources; managing printers; managing an organizational unit in a network based directory service; and implementing group policy to manage users and computers. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 1303 SYSTEM ADMINISTRATION FOR MICROSOFT SQL SERVER ..... 3 credits
Prerequisite: CEN1301. This course will teach students to install, manage, administer, and troubleshoot Microsoft SQL Server. The server side of a client/server database environment will be emphasized. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 1304 IMPLEMENTING, MANAGING AND MAINTAINING A MICROSOFT WINDOWS SERVER 2003 NETWORK INFRASTRUCTURE ..... 3 credits
Prerequisite: CEN 1301. The goal of this course is to provide students with the knowledge and skills to implement and manage a Microsoft Windows 2003 network infrastructure. The course is intended for systems administrator or systems engineer candidates who are responsible for implementing and managing server networking technologies. This course may be repeated up to three (3) times using a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 1305 PLANNING AND MAINTAINING A MICROSOFT WINDOWS SERVER 2003 NETWORK INFRASTRUCTURE ..... 3 credits
Prerequisite: CEN 1304. This course provides students with the knowledge and skills necessary to plan and maintain a Microsoft Windows Server 2003 network infrastructure. Topics covered will be the various services that enable the infrastructure such as

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Domain Name System (DNS), Dynamic Host Configuration Protocol (DHCP), Windows Internet Name Service WINS, and the various services that enable security in the infrastructure. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 1306 IMPLEMENTING AND MANAGING MICROSOFT EXCHANGE SERVER 2003 ..... 3 credits

Prerequisites: CEN 1320. This course provides students with the knowledge and skills that are needed to update and support a reliable, secure messaging infrastructure. This infrastructure is used for creating, storing, and sharing information by using Microsoft Exchange Server 2003 in a medium-sized to large-sized messaging environment. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 1307 CREATING AND CONFIGURING A WEB SERVER USING MICROSOFT TOOLS ..... 3 credits

Prerequisites: CEN 1300 and CEN 1301. This course will teach students how to install, configure and administer a web site using Microsoft Internet Information Server and Microsoft Internet Security and Acceleration Server (ISA). Various Microsoft tools that can be used to support the website installation are also covered. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 1308 IMPLEMENTING MICROSOFT INTERNET EXPLORER ..... 1 credit

Prerequisite: CEN 1301. This course provides students with a foundation in the architecture and key features of Microsoft Internet Explorer suite of products. The information that is provided in this course enables students to install, configure, use, and distribute Microsoft Internet Explorer in a networked environment with particular emphasis on intranet use. Students will use the Internet Explorer Administration Kit (IEAK) wizard to customize Internet Explorer for distribution; they will use the IEAK Profile Manger to set system policy. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 16 contact hours.

CEN 1309 SUPPORTING MICROSOFT SYSTEMS MANAGEMENT SERVER ..... 3 credits

Prerequisite: CEN1301. This course provides students with the knowledge and skills required to install, configure, administer and troubleshoot Microsoft Systems Management Server. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 1310 FUNDAMENTALS OF DEVELOPING A BUSINESS TO CONSUMER SOLUTION WITH MICROSOFT COMMERCE SERVER 2000 ..... 3 credits

This course will provide professional Web developers with an introduction to creating a custom Business-to-Consumer solution by using the tools that are available in Microsoft Commerce Server 2000. A knowledge of IIS, VBScript, SQL Server, and ASP is recommended before taking this course. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. The cost of the textbook is included in the lab fee. 47 contact hours.

CEN 1316 DESIGNING AND DEPLOYING A MICROSOFT EXCHANGE SERVER ORGANIZATION ..... 3 credits

Prerequisite: CEN 1306. This course teaches students to design and develop a Microsoft Exchange server installation in a medium to large environment that typically has multiple physical locations, mixed client connection protocols, and Internet messaging connectivity. Students will develop the skills to identify organizational and client needs, understand the existing network infrastructure, and prepare coexistence and upgrade plans. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 1319 UPDATING SUPPORT SKILLS FROM MS WINDOWS 2000 TO MS WINDOWS SERVER 2003 ..... 3 credits

Prerequisite: CEN 1301. This course will provide Microsoft Windows 2000 support professionals with the knowledge and skills necessary to support Windows Server 2003 based networks. This is a performance-based course, designed upon the job-related tasks a support professional must perform using new or modified features in the Windows Server 2003 operating system. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 1320 PLANNING, IMPLEMENTING AND MAINTAINING A MICROSOFT WINDOWS SERVER 2003 ACTIVE DIRECTORY INFRASTRUCTURE ..... 3 credits

Prerequisite: CEN 1305. This course provides students with the knowledge and skills to successfully plan, implement and troubleshoot an Active Directory infrastructure in Microsoft Windows Server 2003. The course focuses on a directory services environment including forest and domain structure, site topology and replication, organizational unit structure and delegation of administration, Group Policy, and user, group, and computer account strategies. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 1321 DESIGNING A MICROSOFT WINDOWS SERVER 2003 ACTIVE DIRECTORY AND NETWORK INFRASTRUCTURE ..... 3 credits

Prerequisites: CEN 1319 or CEN 1320. This course provides students with the knowledge and skills necessary to design a Microsoft Windows Server 2003 Active Directory and network infrastructure. This course focuses on the importance of analyzing business requirements as a basis for designing an effective Active Directory and network infrastructure. The course also emphasizes the interoperability between Active Directory and the network infrastructure. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 1323 DESIGNING SECURITY FOR A MICROSOFT WINDOWS SERVER 2003 NETWORK ..... 3 credits

Prerequisite CEN 1320. This course provides students with the knowledge and skills necessary to design a security framework for small, medium, and enterprise networks by using Microsoft Windows 2003 technologies. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 1511 INTRODUCTION TO SERVER ADMINISTRATOR ..... 3 credits

Prerequisite: CGS 1824 or permission of instructor. This course is designed to introduce a student to the various steps for managing a Local Area Network (LAN) in the Internet System. Major topics include the concepts of management skills, Transmission Control Protocol/Internet Protocol (TCP/IP), Domain Name Services (DNS), Windows Internet Naming Service (WINS), File Transfer Protocol (FTP) and Terminal Emulation (TELNET). 47 contact hours.

CEN 1514 INTRODUCTION TO TCP/IP CONCEPTS AND PRACTICES ..... 3 credits

Prerequisite: CEN 2513. This course is designed to introduce Transmission Control Protocol/Internet Protocol (TCP/IP) concepts and practices. Major topics include Internet infrastructure, Open System Interconnection (OSI), Internet Protocol Version 4 (IPV4) and Internet Protocol Version 6 (IPV6), Application layer Internet protocols, Domain Name System (DNS), Dynamic Host Configuration Protocol (DHCP) and Bootstrap Protocol (BOOTP). 47 contact hours.

CEN 1543 INTRODUCTION TO INTERNET WORKING SECURITY ..... 3 credits

Prerequisite: CGS 1824 or permission of instructor. This course is a security class of the Web Certificate Program. The course will examine the principles, mechanisms and implementation of network security and data protection. 47 contact hours.

CEN 2331 DISTRIBUTED APPLICATION AND DATABASE DESIGN USING MICROSOFT TOOLS ..... 3 credits

This course prepares the student for the Microsoft test on Analyzing Requirements and Defining Solution Architectures, a required Microsoft Certified Solution Developer (MCSD) test. The students taking this course should be familiar with Graphical User Interface (GUI) programming tools and built and debugged single-user desktop applications. This course covers the Microsoft Vi-

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sual Studio development system and Microsoft SQL Server. The course introduces developers to the opportunities and problems in creating enterprise-level applications and designing both enterprise-level applications and databases. Through use of hands-on exercises they will use Visual Studio development tools and create a sample applications. 47 contact hours.

CEN 2513 ADVANCED SERVER ADMINISTRATOR ..... 3 credits
Prerequisite: CEN 1511. This course is designed to extend the knowledge gained in Introduction to Server Administrator. Major topics include mission-critical services, Web Servers, Secure Sockets Layer (SSL), News Server, E-Mail server, Proxy Server, fault tolerance and server backup. 47 contact hours.

CEN 2520 ADVANCED TCP/IP CONCEPTS AND PRACTICES ..... 3 credits
Prerequisite: CEN 1514. This course is designed to extend the knowledge gained in Introduction to TCP/IP Concepts and Practices. Major topics include Transmission Control Protocol/Internet Protocol (TCP/IP) routing, network troubleshooting, network management, Management Information Base (MIB), exterior protocols and gateways. 47 contact hours.

CEN 2523 LOCAL AREA NETWORK ADMINISTRATION ..... 3 credits
Prerequisites: CGS 1263 and CGS 1560. This course is designed to teach students the skills they need to effectively set up and manage a local area network. This course may be repeated one time for up to six credits. It may only be repeated in sections offering different platforms. 47 contact hours.

CEN 2524 LOCAL AREA NETWORK TROUBLESHOOTING ..... 3 credits
Prerequisite: CEN 2523 using the same platform as CEN 2524. This course is designed to teach the student the management skills necessary to monitor and maintain a local area network (LAN). This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CEN 2525 ADVANCED INTERNETWORKING SECURITY ..... 3 credits
Prerequisites: CEN 1543, CGS 1824 or permission of instructor. This course is an advanced security class of the Web Certificate Program. The course will examine in greater depth the principles, mechanisms and implementation of network security and data protection. 47 contact hours.

CET 1071 INTRODUCTION TO TELECOMMUNICATIONS ..... 3 credits
This course provides an overview of voice and data communications, services, networks, and equipment needed for the telecommunications industry. Telecommunications equipment from basic analog and digital through T-1 services, including Fiber Distributed Data Interface (FDDI) will be covered. 47 contact hours.

CET 1114 DIGITAL FUNDAMENTALS ..... 3 credits
This course will cover number systems, codes, logic gates, Boolean algebra, logic simplification and combinational logic. The areas of coverage will also include the study of the theory, concepts, and circuits of digital electronics including decoders, encoders, multiplexers, flip flops, counters, and registers used in the applications of combinational and sequential logic. 47 contact hours.

CET 1114L DIGITAL LABORATORY ..... 1 credit
Pre- or corequisite: CET 1114. This course provides the student with a direct approach in logic and digital circuits that includes the 7400 TTL (Transistor Transistor Logic) series, combinational circuits, and sequential timing circuits. The areas of coverage involve the TTL logic gate implementation, current and voltage characteristics, fan-out and delays, flip flops, decoders, multiplexers, comparators, and CMOS (Complementary Metal Oxide Semiconductor) characteristics. 45 contact hours.

CET 1171C PERSONAL COMPUTER SYSTEMS REPAIR I (PC REPAIR I) ..... 3 credits
This course is designed to teach the student basic technical skills needed to understand the function and operation of major elements of personal computer systems, and how to localize and correct common hardware and software problems. Students will acquire hands-on experience with Personal Computer (PC) systems. The course will focus on broad concepts and diagnostic tools which allow the student to determine the condition of a PC system and how to best correct a fault. Special emphasis will be placed on how systems are configured, modified, and expanded to meet new requirements. Various software tools will be used to diagnose PC problems. This course is preparatory for the advanced course, Personal Computer Repair II. Both of theses courses prepare students for the hardware level of Computer/Network Support Technician Certification offered by the Computer Technology Industry Association, Inc. (A+ Certification). 47 contact hours.

CET 1172C PERSONAL COMPUTER SYSTEMS REPAIR II ..... 3 credits
Prerequisite: CET 1171C. This course is designed as a continuation of Personal Computer Repair I. Upon completion of this course the student will have a basic understanding of the function and operation of the major peripheral devices used with or connected to personal computer systems. The student will be able to localize and correct common hardware problems associated with these devices. The major peripheral devices which are emphasized in this course include, but are not limited to, storage devices, display technology, printers, scanners, Small Computer Systems Interface (SCSI) devices, telecommunication devices, and multimedia devices. The student will learn how to configure, maintain, test and fault isolate these devices within the Personal Computer (PC) system. The student will also learn Interrupt Requester (IRQ) conflict resolution Input/Output (I/O) address settings, Dynamic Memory Allocation (DMA) channel conflict resolution, memory optimization, and system software fine tuning. This course, along with Personal Computer Repair I, will prepare the student for the hardware level of Computer/Network Support Technician Certification offered by the Computer Technology Industry Association, Inc. (A+ Certification). 47 contact hours.

CET 1480 INTRODUCTION TO OPEN SYSTEMS ..... 3 credits
This course is a study of the International Standards Organization (ISO) including the Open Systems Interconnection (OSI) model; and the Transmission Control Protocol/Internet Protocol (TCP/IP) with applications and guidelines for the open systems standards. 47 contact hours.

CET 1486 INTRODUCTION TO LANs ..... 3 credits
Prerequisite: CET 1071. This course is an introduction of local area networks, components, physical media, and networking access methods. Topics will include Local Area Network (LAN) topologies, LAN selection, and layer architecture. 47 contact hours.

CET 1588 INTERNET TECHNOLOGIES ..... 3 credits
Prerequisite: CGS 1560 and CGS 1263 or permission of instructor. This course will examine various technologies of the Internet: protocols and standards, World Wide Web, Internet Service Providers, Hypertext Markup Language (HTML), Clients and Servers, Local Area Network components, Internet Infrastructure, Internet Security Issues, network addressing, ports and how business is done on the web. 47 contact hours.

CET 1600 NETWORK FUNDAMENTALS (CISCO) ..... 3 credits
This course is the first of four courses designed to provide students with classroom and laboratory experience in current and emerging networking technology. Instruction includes, but is not limited to networking, network terminology and protocols, network standards, local area networks (LANs), wide area networks (WANs), the open system interconnection (OSI) reference model, cabling, routers, router programming, LAN/WAN topologies, internet protocol (IP) addressing and network standards. Students will install, configure and operate simple-routed LAN, routed WAN and switched LANs and LAN networks. 47 contact hours.

CET 1610 ROUTER TECHNOLOGY (CISCO) ..... 3 credits
Prerequisite: CET 1600 or relevant industry experience. This is the second of four courses designed to provide students with classroom and laboratory experience in current and emerging networking technology. Instruction includes networking, network terminology and protocols, network standards, local area networks (LANs), wide area networks (WANs), Open System Interconnection (OSI) models, Ethernet, Token Ring, Fiber Distributed Data Interface (FDDI), Transmission Control Protocol/Internet Protocol (TCP/IP) Addressing Protocol, dynamic routing, routing, and the network administrator's function. Students will suc-

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cessfully implement beginning router configurations, demonstrate an understanding of routed and routing protocols and the fundamentals of LAN switching. 47 contact hours.

CET 2123 MICROPROCESSOR FUNDAMENTALS ..... 3 credits
Prerequisite: CET 1114. This course will cover the fundamentals of microprocessor systems including the microprocessor architecture, bus architecture, memory, input-output, and machine language. The areas of coverage will also include the study of programmable logic devices, memory and storage devices, and interfacing. 47 contact hours.

CET 2123L MICROPROCESSOR LABORATORY ..... 1 credit
Pre- or corequisite: CET 2123. This course will cover applications and laboratory exercises using programmable logic devices, memory devices, interfacing circuits, and microprocessor boards. The areas of coverage involve semiconductor memories, arithmetic logic units, and application usage with microprocessors. 45 contact hours.

CET 2489 BASICS OF INTEGRATED NETWORKS ..... 3 credits
Prerequisite: CET 1071. This course will cover the voice and data services as it relates to an integrated network. The areas to be covered include basic networks, data communications, packet switching, and Integrated Services Digital Network (ISDN) and broadband ISDN. 47 contact hours.

CET 2540 OPEN SYSTEMS ARCHITECTURE I-TCP/IP ..... 3 credits
Prerequisite: CET 1486. This course will provide a basic understanding of the Transmission Control Protocol/Internet Protocol (TCP/IP) protocols and services along with routing, system configurations and networking. 47 contact hours.

CET 2541 OPEN SYSTEMS ARCHITECTURE II-ATM ..... 3 credits
Prerequisite: CET 2489. This is the second of the two course sequence that includes the fundamentals and applications of Asynchronous Transfer Mode (ATM) architecture and Synchronous Optical Network (SONET). 47 contact hours.

CET 2615 ADVANCED ROUTER TECHNOLOGY (CISCO) ..... 3 credits
Prerequisites: CET 1600 and CET 1610. This course is the third of four courses which will lead the student toward the goal of achieving professional certification as a CISCO Certified Network Analyst (CCNA). Instruction includes networking, network terminology and protocols, network standards, local area networks (LANs), LAN segmentation, segmentation techniques, Internet Protocol (IP) and Internet Protocol Extended (IPX) addressing, Fast Ethernet, the Spanning Tree Protocol and virtual LANs. Students progress to completing advanced router configurations in the lab; they will demonstrate an understanding of LAN switching and virtual local area networks (VLANs), advanced LAN and LAN switched design, Novell IPX, Network management techniques and threaded case studies. 47 contact hours.

CET 2620 PROJECT BASED LEARNING (CISCO) ..... 3 credits
Prerequisites: CET 1600, CET 1610 and CET 2615. This course is the last of four courses which will lead the student toward the goal of achieving professional certification as a CISCO Certified Network Analyst (CCNA). Instruction includes networking, protocols, network standards, advanced network design projects, advanced network management projects, wide area network (WAN) theory and design, WAN technology, Frame Relay, integrated system digital network (ISDN), network trouble shooting and threaded case studies. 47 contact hours.

CET 2625 BUILDING SCALABLE CISCO NETWORKS ..... 6 credits
Prerequisite: Successful completion of CCNA-CT certificate from SPC or permission of program director with industry certified CCNA (640-407 or 640-507). May be taken concurrently with CET 2626 and/or CET 2627. This is the first of four courses designed to provide students with classroom and laboratory experience in current and emerging networking technology. This course extends the discussion of Local Area Networking (LAN) protocols from CET 2615 Advanced Router Configuration. Instruction includes, but is not limited to advanced concepts in networking, network terminology and protocols (Border Gateway Protocol-BGP, Enhanced Interior Gateway routing Protocol-EIGRP, and Open Shortest Path First-OSPF), network standards, local area networks (LANs), wide area networks (WANs), hierarchical design principles for building scalable internetworks, advanced router concepts in building scalable internetworks, and key characteristics for building a secure, responsive, and adaptable internetworks using access control lists (ACL's) and Network Address Translation firewalls (NAT). Students will install, configure and operate complex-routed LAN and WAN networks. 98 contact hours.

CET 2626 BUILDING CISCO REMOTE ACCESS NETWORKS ..... 6 credits
Prerequisite: Successful completion of CCNA-CT certificate from SPC or permission of program director with industry certified CCNA (640-407 or 640-507). May be taken concurrently with CET2625 and/or CET2627. This is the second of four courses designed to provide students with classroom and laboratory experience in current and emerging advanced networking technology. This course extends the discussion of Wide Area Networking (WAN) protocols from CET 2620 Project Based Learning. Instruction includes, but is not limited to, selecting remote access solutions, modem functions, Point to Point (PPP) operations, configuring Windows 95 dial-up networking, advanced Integrated Services Digital Network (ISDN) operations, Dial on Demand Routing (DDR), configuring X.25, advanced Frame Relay topics, router dialing backup operation, queuing techniques, advanced Network Address Translation (NAT), and configuring CISCO access control solutions. Students will install, configure and operate complex-routed LAN and WAN networks using remote access techniques. 98 contact hours.

CET 2627 BUILDING CISCO MULTILAYER SWITCHED NETWORKS ..... 6 credits
Prerequisite: Successful completion of CCNA-CT certificate from SPC or permission of program director with industry certified CCNA (640-407 or 640-507). May be taken concurrently with CET 2625 and/or CET 2626. This is the third of four courses designed to provide students with classroom and laboratory experience in current and emerging advanced networking technology. Instruction includes, but is not limited to, selecting switching technology solutions for a campus network, media types, basic switch command line programming, Virtual Local Area Network configuration (VLAN), VLAN Trunking, VLAN Pruning, Spanning Tree Protocol (STP), routing between VLAN's, multi-layer switch operations, Hot Standby Routing Protocol (HSRP), multicasting, and restricting network access with switching security techniques. Students will install, configure and operate complex-routed LAN and WAN switching networks. 98 contact hours.

CET 2628 CISCO INTERNETWORKING TROUBLESHOOTING SUPPORT ..... 6 credits
Prerequisites: CET 2625, CET 2626, CET 2627, or permission of program director with industry certified CCNP in BCMSN (640-504), BCRAN (640-505), and BSCN (640-503) or Foundations (640-509). This is the fourth of four courses designed to provide students with classroom and laboratory experience in current and emerging advanced networking technology. Instruction includes, but is not limited to, troubleshooting techniques, troubleshooting media, hardware and booting; troubleshooting desktop and enterprise routing protocols including Transmission Control Protocol/Internet Protocol (TCP/IP), Novell Integrated Packet Exchange (IPX), Appletalk, Enhanced Interior Gateway Routing Protocol (EIGRP), Open Shortest Path First (OSPF), and Border Gateway Protocol (BGP); troubleshooting switches including Virtual Local Area Networks (VLANs) and Spanning Tree Protocols (STP); and troubleshooting serial lines and wide area networking (WAN) connections including dial up connections, Integrated Services Digital Networks (ISDN), Frame Relay connections. Students will install, configure, operate and troubleshoot complex-routed LAN and WAN switching networks. 98 contact hours.

CET 2629 CISCO CERTIFIED DESIGN ASSOCIATE (CCDA) ..... 3 credits
Prerequisite: Completion of CET 1610 is strongly recommended. The CISCO Certified Design Associate (CCDA) course is designed to provide students with an integrated classroom and laboratory experience in design, implementation and integration of CISCO networking equipment. Instruction includes, but is not limited to, network design methodology, CISCO equipment, network design software, network terminology, internet protocols, network standards, the open system interconnection (OSI) reference model, cabling standards, local area network (LAN) design, wide area network (WAN) design, hybrid LAN/WAN topologies, network documentation and network

management applications. Students will design and configure LAN and WAN networks using case studies and network design software. 47 contact hours.

CET 2660 FUNDAMENTALS OF COMPUTER NETWORK SECURITY ..... 3 credits
Prerequisites: Completion of CET 1610 is strongly recommended. This course is designed to provide students with an integrated classroom and laboratory experience in the fundamentals of computer and computer network security. Instruction includes, but is not limited to, legal aspects of computer crime, cyber-crime culture, basic networking topics, disaster planning, viruses, denial of service attacks, firewalls, Network Address Translation (NAT) fundamentals, intrusion detection fundamentals, remote access, Windows 98/NT/2000 security fundamentals, Novell security fundamentals and UNIX/LINUX security fundamentals. 47 contact hours.

CET 2661 SECURE VIRTUAL PRIVATE NETWORKS (VPNs) ..... 3 credits
Prerequisites: CCNA certified or completion of CET 2620. Completion of CET 2626 is recommended. This course is designed to provide students with an integrated classroom and laboratory experience in configuration of Virtual Private Networks (VPNs). Instruction includes, but is not limited to, VPN theory, VPN terminology, dial up networking, VPN security, Generic Routing Encapsulation (GRE), CISCO Encryption Technology (CET), Internet Protocol Security (IPSec), Point-to-Point Tunneling Protocol (PPTP), Layer 2 Tunneling Protocol (L2TP), and PIX Firewall configuration. Students will design and configure LAN and WAN VPNs using case studies, laboratory equipment and network design software. 47 contact hours.

CET 2665 SECURE PIX FIREWALLS ..... 3 credits
Prerequisites: CCNA certified or completion of CET 2620. This course is designed to provide students with classroom and laboratory experience in advanced topics of Private Internet Exchange (PIX) Firewall programming. Students will design and configure firewalls using case studies and laboratory equipment in preparation for the industry PIX Firewall exam. 47 contact hours.

CET 2669 NETWORK SECURITY FUNDAMENTALS ..... 3 credits
Prerequisite: CET 1588. This course will introduce security fundamentals that affect both Local and Wide Area Networks and computer risks. The spread of viruses, malicious code, sabotage, and terrorism are an ever increasing concern in the computer industry. This course will introduce security concepts to the individual with limited exposure to that area. 47 contact hours.

CET 2670 ADVANCED TOPICS IN ROUTING PROTOCOLS (CCIE) ..... 3 credits
Prerequisites: CCNA certified or completion of CET 2620. Completion of CET 2628 is strongly recommended. This course is designed to provide students with an integrated classroom and laboratory experience in advanced topics of implementation and integration of CISCO networking equipment using routing protocols. Instruction includes, but is not limited to, Border Gateway Protocol (BGP), Interior Gateway Protocols (IGPs), Data Link Switching (DLSW), bridging, and current topics related to routing protocols. Students will design and configure LAN and WAN networks using case studies and laboratory equipment. 47 contact hours.

CET 2671 BORDER GATEWAY PROTOCOL (BGP) ..... 3 credits
Prerequisites: CCNA certified or completion of CET 2620. Completion of CET 2628 is strongly recommended. This course is designed to provide students with classroom and laboratory experience in advanced topics of implementation and integration of CISCO networking equipment using the Border Gateway Protocol (BGP). Students will design and configure LAN and WAN networks using case studies and laboratory equipment. 47 contact hours.

CET 2672 OPEN SHORTEST PATH FIRST ..... 3 credits
Prerequisites: CCNA certified or completion of CET 2620. Completion of CET 2628 is strongly recommended. This course is designed to provide students with classroom and laboratory experience in advanced topics of implementation and integration of CISCO networking equipment using the Open Shortest Path First (OSPF) protocol. Students will design and configure LAN and WAN networks using case studies and laboratory equipment. 47 contact hours.

CET 2680 CISCO WORKS SOFTWARE ..... 3 credits
Prerequisites: CCNA certified or completion of CET 2620. This course is designed to provide students with classroom and laboratory experience for troubleshooting networks using CISCO Works software. Students will troubleshoot LAN and WAN networks using case studies and laboratory equipment. 47 contact hours.

CET 2681 SECURE INTRUSION DETECTION ..... 3 credits
Prerequisites: CCNA certified or completion of CET 2620. This course examines the operation, maintenance, and troubleshooting of the CISCO Secure Intrusion Detection System (IDS). Topics may include, but are not limited to, network security fundamentals, NetRanger installation, Director installation, Sensor installation, alarm management, using nrConfigure, device management, and IDS detection and response. 47 contact hours.

CET 2682 CISCO VOICE OVER IP(VoIP) ..... 3 credits
Prerequisites: CCNA certified or completion of CET 2620. Instruction includes, but is not limited to, Voice over Internet Protocol (VoIP) theory, CISCO Voice Gateway configuration in a CISCO IP Telephony (CIPT) solution, installation and configuration of CISCO Call Manager software, CISCO IP Phone configuration, design of VoIP networks, and troubleshooting CIPT networks. Students will design and configure various VoIP networks using case studies and laboratory equipment. 47 contact hours.

CET 2684 CISCO CALL MANAGER ..... 3 credits
Prerequisites: Completion of CET 2682 with a "C" or better. Completion of CET 2626 and CET 2627 is strongly recommended. This course provides examples and reference information about Call Manager, the call processing component of the Cisco AVVID (Architecture for Voice, Video, and Integrated Data) IP Telephony solution. Cisco Call Manager Fundamentals uses examples and architectural descriptions to explain how Call Manager processes calls. This class details the inner workings of Call Manager so that those responsible for designing and maintaining a Voice over IP (VoIP) solution from Cisco Systems can understand the role each component plays and how they interrelate. The student will learn detailed information about hardware and software components, call routing, media processing, system management and monitoring, and call detail records in a hands-on environment. 47 contact hours.

CET 2685 MANAGING CISCO NETWORK SECURITY ..... 3 credits
Prerequisites: CET 2661, CET 2665, and CET 2681. This course examines an overall approach to network security using CISCO devices. Topics include, but are not limited to, integration of CISCO Private Internet Exchange (PIX) Firewalls, CISCO Intrusion Detection Systems (IDS), Internet Protocol-security (IPSec), and CISCO Virtual Private Networking (VPN) in network security design. Students will implement designs using CISCO equipment in a laboratory setting. 47 contact hours.

CET 2686 SECURITY POLICY IMPLEMENTATION IN CISCO-BASED NETWORKS ..... 3 credits
Completion of CET 2660 is recommended but not required. This course is an in-depth examination of current and emerging topics in security policy creation, implementation, and enforcement for computer network administrators of Cisco-based networks. Topics include, but are not limited to, acceptable use policies (AUP), banners, log in messages, click-through agreements, user education and training, network monitoring, proxy servers, spam, Cisco router network logs, incidence response, and the basics of computer-related crime scene investigation for network administrators as they specifically apply to Cisco-based networks. 47 contact hours.

CET 2690 LEGAL ISSUES FOR COMPUTER NETWORK ADMINISTRATORS ..... 3 credits
This course examines current legal issues for computer network administrators. Topics include, but are not limited to, an overview of the judicial system, security policies, Acceptable Use Policies (AUP), incident reporting, software licensing, banners, e-mail and privacy/ownership, investigating and prosecuting security intrusions, and computer network security cases pending. 47 contact hours.

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CET 2691 LAWS AND LEGAL ASPECTS OF INFORMATION TECHNOLOGY SECURITY ..... 3 credits

This course provides students with an overview of legal issues common to computer security, and interweaves business paradigms into the reading to offer a macro-context against which to view such issues. These issues topically fall within the parameters of privacy, intellectual property, computer crime investigation for network breaches, civil liability, and ethics of the Information Technology (IT) professional focused on network security. The course will seek to expand on all matters of law that may be included on any network security certification exam, but also covers broadly the economic impact that security breaches have on industry sectors and the business response required. Coursework will include reviewing fact patterns applied to legal and ethical authorities. 47 contact hours.

CET 2751 NETWORK MANAGEMENT ..... 3 credits

Prerequisite: CET 1486. This course is a study of the technical and management aspects needed for the administration of integrated networks using various hardware and software models. 47 contact hours.

CET 2753 DESIGN OF THE T-1 SYSTEMS ..... 3 credits

Prerequisite: CET 2489. This course is a study of T carriers to include the basic T-1 carrier as used in the digitized voice grade channels and the use of switching multiplexers for T-1. Design and application for the digital carrier facilities will be emphasized. 47 contact hours.

CET 2755 BRIDGES, ROUTERS, AND GATEWAYS ..... 3 credits

Prerequisite: CET 1486. This course provides a study of the wide area network (WAN) link choices, the bridging operations, data filtering, and bridging and routing algorithms. Also covered will be the operational description of routers and gateways, including the network layer routing. 47 contact hours.

CET 2780 WIDE AREA NETWORK SWITCHING ..... 3 credits

Prerequisite: CET 1071. This course will cover the wide area network (WAN) technology from the point to point network configurations as it relates to switched, analog, and high speed digital communications. The course includes the fundamentals and usage of modems, multiplexers, digital data services, T-1, T-3, and synchronous optical networks (SONET). 47 contact hours.

CET 2783 HIGH SPEED NETWORK SWITCHING ..... 3 credits

Prerequisite: CET 2780. This course will cover the wide area network (WAN) technology from the switched services network configurations of X.25, frame relay, Integrated Services Digital Network (ISDN), Asynchronous Transfer Mode (ATM), and the Digital Subscriber Line (DSL). 47 contact hours.

CET 2883 NETWORK SECURITY ADVANCED ..... 3 credits

Prerequisite: CET 2669. This course will build on the introduction to security fundamentals and prepare students to work in the security area of computer technologies by preparing them for the CompTIA Security+ exam. This course will also provide a solid grounding in security concepts and will prepare the student for advanced certification training. 47 contact hours.

CET 2932 ADVANCED TOPICS IN TELECOMMUNICATIONS ..... 3 credits

Prerequisite: CET 2755. This course will provide emphasis on current changes and advances in the telecommunications field. Topics will include recent developments and emerging technologies affecting telecommunications including new CET network products, standards, and applications. 47 contact hours.

CET 2940 PRACTICUM IN CISCO CCIE ..... 3 credits

Prerequisites: CCNA certified or completion of CET 2620. Completion of CET 2628 is strongly recommended. This course is designed to provide students with classroom and laboratory experience in advanced topics to operate, and troubleshoot complex CISCO networks. Students will design and configure LAN and WAN networks using case studies and laboratory equipment. 47 contact hours.

CGS 1000 INTRODUCTION TO COMPUTERS AND PROGRAMMING ..... 3 credits

This course is an introduction to the concepts of data processing, computers, and development of a logical approach to programming for computer majors. Topics covered include a brief historical development of data processing and computing concepts, basic computer terminology, the architecture of modern computer systems, computer communications, computer data representation an organization, numbering systems used in computers, computer operating systems, flowcharting, program development, and writing operating system job control programs, using an appropriate computer language and text editor. 47 contact hours.

CGS 1100 MICROCOMPUTER APPLICATIONS ..... 3 credits

Prerequisite: OST 1100 or permission of program director. This course is an introduction to fundamental business concepts utilizing a computer as the tool. Contemporary business projects are produced through the use of integrated business applications software. Selected topics include the Internet; operating systems; and creating and evaluating documents, worksheets, databases, and presentations. Guidelines for selecting computer hardware and software are addressed. Conducting Internet research and critically assessing the value of that research are included. Satisfactory completion of this course meets the Computer and Information Literacy graduation requirement. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CGS 1103 PROJECT MANAGEMENT USING SOFTWARE TOOLS ..... 3 credits

Prerequisite: ISM 1311. This course will allow the student to understand how to plan, organize, create presentation material, and manage projects using various software tools. Students will utilize software applications to plan a project; track tasks and organize the overall project; analyze cost, time, and resource effectiveness; and explore options for customizing project design material and effective implementation using software tools. 47 contact hours.

CGS 1172 E-COMMERCE SITE DESIGNER I ..... 3 credits

Prerequisite: CGS 2821. This course is designed to teach students the basic concepts of conducting business online and technological issues associated with constructing an electronic commerce web site. 47 contact hours.

CGS 1260 COMPUTER HARDWARE DECISIONS ..... 3 credits

This course is designed to teach students the skills required to make the right decisions when selecting and/ or upgrading computers and peripherals. Students will learn multi-media technology, connectivity requirements, network implementation devices, CPU characteristics, RAM types, secondary storage devices, audio and video boards, expansion and upgrading methodologies. Students will receive hands-on training in the identification and description of components and how they interrelate with a computer system. Students will apply course concepts to real world business decisions requiring computer enhancements. 47 contact hours.

CGS 1263 LOCAL AREA NETWORK CONCEPTS ..... 3 credits

This is a course designed to introduce the student to various local area network (LAN) concepts. Major topics include a history of local area networks, terms, acronyms, standards, hardware and software products. 47 contact hours.

CGS 1490 USER CENTERED DESIGN AND TESTING ..... 3 credits

Pre- or corequisite: CGS 1492. This course focuses on human-computer interaction, providing training in the basic skills of task analysis, and interface evaluation and design. Students learn to develop designs that are usable and useful for people. Students learn how to empirically evaluate user interfaces, leading to better ones. Visual Basic is used in programming assignments. Topics include: task analysis; user interface idioms; user interface toolkits; rapid prototyping and evaluation; simple user studies; Visual Basic programming. 47 contact hours.

CGS 1491 DATA STRUCTURE AND ALGORITHMS ..... 3 credits

Prerequisite: CGS 1492. This course focuses on understanding the dependence of execution time, bandwidth and memory requirements on the data structures and algorithms chosen. Students learn to reason informally about algorithm and data structure correctness and complexity. Primary emphasis is given to intelligent selection of algorithms and representations. Programming assignments use C++ and the Standard Template Library (STL). Topics include: abstract data types; data structures

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and invariants; simple algorithm analysis; sorting and searching; trees and graphs, associative data structures; C++ programming with the STL. 47 contact hours.

CGS 1492 OBJECT ORIENTED PROGRAMMING AND DESIGN ..... 3 credits

Prerequisite: COP 1006. This course introduces students to problem solving by means of object oriented design and implementation. Emphasis is on problem analysis and solution design, documentation and implementation. Students use commercial software libraries, and create Web-centric projects. Programming assignments are carried out in Java. Topics include: modularity and abstraction; encapsulation; inheritance; polymorphism; use and creation of software libraries, Java Beans, Swing, etc.; dynamically allocated data; simple recursively-defined data structures. 47 contact hours.

CGS 1493 INTRODUCTION TO COMPUTER SYSTEMS ..... 3 credits

Pre- or corequisite: COP 1006. This course introduces students to the fundamentals of using and maintaining computer systems in an Internet environment. The basic components and functions of the computer and the network are introduced, along with tools and procedures for their operation and maintenance. Topics include: basic machine architecture (processors, memory, input and output); basic operating systems concepts (Processes, concurrency, address spaces); input/output (I/O) devices for storage and multimedia; basics of processing, storage and communication capacity; command processors and scripting; file systems; basic network architecture; installing new software and devices; backups, compression, security, encryption. 47 contact hours.

CGS 1510 ELECTRONIC SPREADSHEET I ..... 1 credit

This course will provide students with hands-on experience to create and manage basic electronic spreadsheets and graphs relative to contemporary business. Previous Windows experience is necessary. Students will develop various functions and commands of the electronic spreadsheet environment for such applications as sales forecasts, financial statements, cash flow analysis, stock market calculations, expense analysis and control, budgets and plans. The course may be repeated two times for up to three credits; it may be repeated only in sections offering different software. 16 contact hours.

CGS 1515 SPREADSHEET TECHNIQUES AND PROGRAMMING ..... 3 credits

Prerequisite: CGS 1000 or CGS 1100. This course will provide students with hands-on experience and skills with a spreadsheet. Students will learn the various functions and commands of the spreadsheet as well as how to plan, create, and program spreadsheets for common business applications. It is appropriate for accounting and business majors, programmers and spreadsheet application developers. 47 contact hours.

CGS 1520 MICROCOMPUTER BUSINESS GRAPHICS ..... 1 credit

This course is designed to teach the use of graphics/presentation software on a microcomputer to generate a variety of graphs for presenting or analyzing business data. A discussion of the factors to be considered in purchasing graphics software and hardware is included. Students will prepare graphs for screen, printer, and plotter output. The course may be repeated for up to three credits; it may be repeated only in sections offering different software. 16 contact hours.

CGS 1540 MICROCOMPUTER DATABASE MANAGEMENT I ..... 1 credit

Previous Windows experience is necessary. This course introduces databases and how they work. Using appropriate business software, the student will learn to plan, create, use, and change databases and to generate reports using database files. Emphasis will be on the use of microcomputer database management software for common business applications. The course may be repeated two times for up to three credits; it may be repeated only in sections offering different software. 16 contact hours.

CGS 1545 DATABASE TECHNIQUES AND PROGRAMMING ..... 3 credits

Prerequisite: CGS 1000 or CGS 1100. This course will provide students with hands-on experience in creating and maintaining a relational database application. Students will learn the various functions and commands of the database as well as how to plan, normalize, create, use, and program fully relational databases for common business applications. Students will learn relational database theory and design, formal naming conventions, and database programming techniques. 47 contact hours.

CGS 1560 MICROCOMPUTER OPERATING SYSTEMS ..... 3 credits

Prerequisite: CGS 1000 or CGS 1100. This course is designed to make the student proficient in microcomputer operating systems. Major topics include disk and file management, system configurations, menu driven processing and graphical user interfaces. 47 contact hours.

CGS 1824 WEB FOUNDATIONS ..... 3 credits

Prerequisite: CGS 1000, CGS 1560 or permission of instructor. This course is a foundation class for the Web Certificate Program. The course will examine Internet business fundamentals, basic Hypertext Markup Language (HTML) programming and networking fundamentals. 47 contact hours.

CGS 1930 MICRO SYSTEMS SOFTWARE ..... 1 credit

This course is a detailed study of a major operating system available for personal computers. The student will learn to use the system to enter programs, create and manipulate files, and perform utility functions, such as erasing or renaming files, formatting disks and making "back-up" copies of data. Major topics covered include history of each operating system, structure of file systems, types of files available, utility functions and procedures, and command procedures (if applicable). Different operating systems will be presented in different sections of the course. This course may be repeated two times for up to three (3) credits; it may be repeated only in sections offering different software. 16 contact hours.

CGS 1931 ADVANCED MICRO SYSTEMS SOFTWARE ..... 1 credit

Prerequisite: CGS 1930 or permission of instructor or program director. This course is a continuation of CGS 1930 including advanced operation of a microcomputer. This course may be taken up to three times for credit if different software is used. 16 contact hours.

CGS 1932 INTRODUCTION TO DESIGN SOFTWARE ..... 1 credit

This introductory hands-on course is designed to allow students to become familiar with the microcomputer as a medium for visual expression, while exploring the potential for electronically generated graphics and art. This course may be taken up to three times for credit if different software is used. 16 contact hours.

CGS 1935 VISUAL DESIGN FOR THE INTERNET ..... 3 credits

Prerequisite: COP 1822. This course is designed to introduce a student to the various creative and design elements necessary in marketing products effectively over the Internet. Major topics include the evolution and history of visual design, visual sales techniques for the Internet, creative approaches to product representation, terms, and comparative analysis. 47 contact hours.

CGS 1936 INTERACTIVE WEB PAGE CREATION: CGI SCRIPTS USING PERL ..... 3 credits

This course will introduce students to applications of Common Gateway Interface (CGI) scripts. Topics include understanding how CGI scripts and programs perform information-processing; retrieving and formatting tasks on a server; and communicating between the server and client browser. 47 contact hours.

CGS 1937 CGI SCRIPTS USING PERL II ..... 3 credits

Prerequisite: CGS 1936. This course is a continuation of CGS 1936. Students will build upon their knowledge of PERL to create more advanced Common Gateway Interface (CGI) scripts. Students will learn how to use PERL to implement a search engine for a web site, create a web "front end" for external programs such as mail utilities and relational databases, maintain information across multiple pages and user sessions using "cookies" and other related techniques. Students will be introduced to the concept of PERL modules and will create their own PERL modules as well as using existing modules in their scripts. 47 contact hours.

CGS 2103 ADVANCED MICROCOMPUTER APPLICATIONS ..... 3 credits

Prerequisite: CGS 1100 or program director approval. This course will provide specialized training on advanced microcomputer software applications packages. Topics included will be word pro-

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cessing, spreadsheets, database management and presentation graphics. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CGS 2173 E-COMMERCE SITE DESIGNER II ..... 3 credits
Prerequisite: CGS 1172. This course is designed to extend the knowledge gained in E-Commerce Site Designer I and apply this knowledge to creating and implementing a genuine transaction-enable business-to-consumer web site using various electronic-commerce strategies and products. This course will provide a step-by-step process to implement the plans developed in CGS 1172. The course focuses on applying theory and design to electronic commerce web construction. 47 contact hours.

CGS 2402 PROGRAMMING IN C++ FOR BUSINESS ..... 3 credits
Prerequisite: CGS 1000 or COP 1006 or permission of instructor/director. This is a programming course in the C language. The student will learn to design, document, prepare, enter, compile, debug and execute C++ programs of moderate sophistication. Major topics covered include: history, structured programming, data types, data structures, and input/output in C++. 47 contact hours.

CGS 2525 INTRODUCTION TO MULTIMEDIA ..... 2 credits
Prerequisite: CTS 1101 or permission of the instructor. This is a survey course designed to introduce the concepts of multimedia. Students will be exposed to different areas of multimedia that include text, images, audio, video and animation. Students will have the opportunity to learn how to manipulate text, capture images, produce audio and video, and simple animations. They will learn to combine the components into presentations. 32 contact hours.

CGS 2820 SITE DESIGNER I ..... 3 credits
Prerequisite: CGS 1824. This course is designed to introduce a student to the various creative and design elements necessary in producing effective web site development over the Internet. Major topics include the theory and concepts of design, planning and management of web site, design techniques and Hypertext Markup Language (HTML) standards and structures. 47 contact hours.

CGS 2821 SITE DESIGNER II ..... 3 credits
Prerequisite: CGS 2820. This course is designed to extend the knowledge gained in Site Designer I and apply this knowledge to creating and managing web site using various web development and design programs. Students will be exposed to various Hypertext Mark Up Language (HTML) editors, multimedia software and advanced Hypertext Mark Up Language (HTML) standards. Students will also implement the latest strategies to develop a third-generation web site. The course focuses on applying theory and design to Web construction. 47 contact hours.

CGS 2871 DESKTOP AUDIO/VIDEO DESIGN ..... 3 credits
Prerequisites: CGS 2525 or permission of instructor. This course introduces the student to the essential software, tools and techniques commonly used by multimedia designers to produce desktop audio and video. Students will capture audio from various sources, manipulate the audio and integrate it into presentations and desktop video. Students will capture video from VCRs and from video cameras, add titles and still components, transitions and special effects to create desktop video. 47 contact hours.

CHM 1025 INTRODUCTORY CHEMISTRY ..... 3 credits
Prerequisite: (ENC 0020 and REA 0002 and MAT 0024) or (EAP 1695 and MAT 0024) or (appropriate score on the SPC placement test.) Corequisite: CHM 1025L. This introductory course is a presentation of modern chemistry concepts, periodicity and atomic structure, states of matter, chemical formulas and nomenclature, chemical reactions, chemical calculations, and solutions. This course will prepare students for General Chemistry and Qualitative Analysis I but is not designed for credit toward a major in chemistry and may not be taken for credit subsequent to receiving a grade of "C" or better in CHM 1045, CHM 1045L or CHM 1046, CHM 1046L. 47 contact hours.

CHM 1025L INTRODUCTORY CHEMISTRY LABORATORY ..... 1 credit
Corequisite: CHM 1025. This introductory chemistry lab course includes experiments involving mass, volume, the nature of substances, density, solubility, graphing, dimensional analysis, empirical formulas, titration, reactions, gas laws, and solutions. 47 contact hours.

CHM 1026 CHEMICAL CALCULATIONS ..... 3 credits
Prerequisite: CHM 1025 and CHM 1025L. This course places further emphasis on the mastery of equation writing and of calculations involving: gas laws, formulas, weight and volume relationships, and standard solution. The concept of significant figures is included. This course is not designed for credit toward a major in chemistry and may not be taken for credit subsequent to receiving a grade of "C" or better in CHM 1045 or CHM 1046. 47 contact hours.

CHM 1045 GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS I ..... 3 credits
Prerequisite: (1) CHM 1025, CHM 1025L, and MAT 1033 (or appropriate score on the math SPC placement test) or (2) CHM 1026 and MAT 1033 (or appropriate score on math SPC placement test) or (3) One year of high school chemistry and permission of the program director. Corequisite: CHM 1045L. The sequence CHM 1045-CHM 1046 with CHM 1045L and CHM 1046L is designed to meet first-year college chemistry requirements for science majors and engineering students. This course includes the study of periodicity, basic quantum theory, bonding, thermochemistry, stoichiometry, gas laws, properties of the liquid and solid states, and solutions. 47 contact hours.

CHM 1045L GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS LABORATORY I ..... 1 credit
Corequisite: CHM 1045. This course includes laboratory experiments which are quantitative in nature and designed to give practice in acceptable laboratory techniques. 47 contact hours.

CHM 1046 GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS II ..... 3 credits
Prerequisites: CHM 1045, CHM 1045L, and MAC 1105. Corequisite: CHM 1046L. This course is a continuation of CHM 1045 and extends the study of chemical principles in thermodynamics, kinetics, acid-base reactions, oxidation-reduction, electrochemistry, nuclear chemistry, and gaseous and solution equilibra. 47 contact hours.

CHM 1046L GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS LABORATORY II ..... 1 credit
Corequisite: CHM 1046. This course is a continuation of CHM 1045L. It includes some qualitative analysis. 47 contact hours.

CHM 2210 ORGANIC CHEMISTRY I ..... 3 credits
Prerequisite: CHM 1045. Corequisite: CHM 2210L. Pre- or corequisite: CHM 1046. This course is a study of carbon compounds emphasizing nomenclature, reaction mechanisms, synthesis, stereochemistry, functionality and including an introduction to spectroscopy. 47 contact hours.

CHM 2210L ORGANIC CHEMISTRY LABORATORY I ..... 1 credit
This laboratory course involves basic techniques synthesis, purification and identification of organic compounds. 47 contact hours.

CHM 2211 ORGANIC CHEMISTRY II ..... 3 credits
Prerequisite: CHM 2210. Corequisite: 2211L. This course is a continuation of Organic Chemistry I emphasizing reaction mechanisms, synthesis, functionality and spectroscopy. 47 contact hours.

CHM 2211L ORGANIC CHEMISTRY LABORATORY II ..... 1 credit
Corequisite: CHM 2211. Laboratory work involves synthesis, purification and identification of organic compounds involving special techniques such as infrared spectroscopy or gas chromatography. 47 contact hours.

CIS 1341 UNIX/INTRODUCTION ..... 1 credit
This course is an introduction to practical applications of UNIX and UNIX-like systems intended for all students interested in developing the ability to use interactive computers. Topics include UNIX file system structure, directory path name generation, tracking and removal, entry, editing and sorting of text information. 16 contact hours.

CIS 1350 NETWORK DEFENSE AND COUNTERMEASURES ..... 3 credits
Prerequisite: CIS 1353. This course will explore concepts of network defense and countermeasures as well as hardware and software required to design, configure and implement secure networks. Security topics covered in this course include firewalls,

Intrusion Detection Systems (IDS), Virtual Private Networks (VPN) and policy creation using the Windows 2000 Operating System (OS), Transmission Control Protocol/Internet Protocol (TCP/IP) packet and signature analysis.

The student will get hands-on instruction installing the network defense mechanisms and countermeasure applications. Software will be used for collecting, monitoring and auditing various activities; students will analyze threats and intrusions. Multiple business scenarios will be reviewed to determine which security policy provides the most protection at an acceptable level of risk in order to conduct business.

The student will be able to determine differences between network based and host based IDSs as well as the various types of firewalls such as Bastion Host and Proxy Servers. VPN solutions will be developed on the Windows 2000 Operating System. Win 2K, Linux and Unix will be examined and compared to understand the differences in protection capabilities. 47 contact hours.

CIS 1353 NETWORK SECURITY AUDITING, ATTACKS, AND THREAT ANALYSIS ..... 3 credits

Prerequisite: CIS 1356. This course will introduce the student to vulnerability assessments, current hacker techniques, auditing network and hosts, and classifying new threats. 47 contact hours.

CIS 1354 INTRODUCTION TO NETWORK SECURITY FOUNDATIONS ..... 3 credits

It is recommended that the student have previous computer network training or experience. This course provides the students with an overview of Information Technology (IT) Security and introduces the components necessary to secure network information systems. Topics include security policies, Intrusion Detection Systems (IDS), firewalls, operating system security and network security basics. Students will also be introduced to current hacker techniques and log auditing processes. Current computer security issues will also be explored as class projects. 47 contact hours.

CIS 1355 SECURITY ENGINEERING ..... 3 credits

Prerequisite: CIS 1354. This course begins with the basics of security engineering technology, including concepts of security protocols, human-computer interface issues, access controls, cryptography and distributed systems. The class will explore security engineering concepts and hardware and software required to design secure information systems. Topics include engineering activities that span the entire trusted system life cycle, including concepts such as security architecture and current practices and procedures when security engineering expertise is needed. Other concepts that will be explored include requirements analysis, design, development, operational integration, installation and maintenance. Conventional computer security issues will be explored as they relate to different environments such as banking, healthcare and military. Some of those issues are military communications, medical records systems, cash machines, Automated Teller Machines (ATMs), mobile phones, and pay-Television (TV). These topics are used to introduce more advanced technologies and concepts used by consumers, criminals, police and spies. Finally, we look at organizational policies and how computers interact with corporate politics, how we gain confidence that the system will work as it is intended, and how security engineering can best be managed. 47 contact hours.

CIS 1356 NETWORK SECURITY AND FIREWALLS ..... 3 credits

Prerequisite: CIS 1354. This course will introduce the student to current firewall technologies and topology designs. The student will gain an understanding of writing rules to enforce policies, proper rule ordering, hardening of firewalls (if software based), testing of rule base and rule management. 47 contact hours.

CIS 1358 OPERATING SYSTEM SECURITY ..... 3 credits

Prerequisite: CIS 1354. This course introduces the student to securing Windows 2000 and Linux operating systems. In this course the student will acquire knowledge and skills to perform audit assessments and implement enterprise-wide operating systems security. The objective of the course is to provide hands-on instruction, from the desktops, servers and the network infrastructure and understand how to control the privacy, integrity and authenticity of data. 47 contact hours.

CIS 2321 SYSTEMS ANALYSIS AND DESIGN ..... 3 credits

Prerequisite: CGS 1000 or permission of instructor/director. It is recommended that this course be taken during the last session prior to graduation. This course provides the student with ways to understand and apply fundamentals of systems analysis to the development of information systems used in a business environment. The application of systems techniques in the design and development of data processing systems is stressed. A team approach is taken to develop systems projects utilizing current data processing applications in business and industry. 47 contact hours.

CJD 1254 MEDICAL FIRST RESPONDER ..... 3 credits

Prerequisite: Program Director Approval. This course is based on the Department of Transportation (D.O.T.) techniques for handling medical emergencies. The course includes injury assessment, types of resuscitation, and signs, symptoms and methods of transmission of communicable diseases. Objectives addressed include those as specified by the Criminal Justice Standards and Training Commission. 47 contact hours.

CJD 1700 CRIMINAL JUSTICE LEGAL I ..... 3 credits

Prerequisite: Program Director Approval. This course provides an introductory overview of the criminal justice system and history of law. The foundation and basic components of law are studied, with specific focus upon officer application. Court procedure and testimony are examined. Objectives addressed include those as specified by the Criminal Justice Standards and Training Commission. 47 contact hours.

CJD 1701 CRIMINAL JUSTICE LEGAL II ..... 3 credits

Prerequisite: Program Director Approval. Constitutional law and its application to the public and officers are examined. Law – including evidence procedures, arrest law, search and seizure, and various statutory laws that are common to police and correctional officers – is studied. Emphasis is given to elements of various crimes. Various civil law applications are covered. Civil and criminal liability of officers is studied. Objectives addressed include those as specified by the Criminal Justice Standards and Training Commission. 47 contact hours.

CJD 1702 CRIMINAL JUSTICE COMMUNICATIONS ..... 3 credits

Prerequisite: Program Director Approval. The report-writing process – from the interview, statement taking, and note taking, through the final report product – is covered, with practical exercises included. The differences between interviewing and interrogation are explored. Interpersonal communication skills are covered along with radio and telephone procedures. Objectives addressed include those as specified by the Criminal Justice Standards and Training Commissions. 56 contact hours.

CJD 1703 CRIMINAL JUSTICE INTERPERSONAL SKILLS I ..... 4 credits

Prerequisite: Program Director Approval. In this course community relations techniques and courtesy are addressed, with emphasis given to crime prevention. The needs of various groups within society are addressed, including: juveniles, the elderly, ethnic and cultural groups, the mentally ill and retarded, the physically handicapped, and substance abusers. Intervention techniques for various situations including: suicide, domestic violence, and other crises are studied, with practical exercises. Stress recognition and reduction are included. Human diversity training is designed to enhance awareness of one's own cultural rules and predispositions and how these cultural influences come into play in common interaction with others. Objectives addressed include those as specified by the Criminal Justice Standards and Training Commission. 62 contact hours.

CJD 2704 CRIMINAL JUSTICE DEFENSIVE TACTICS ..... 2 credits

Prerequisite: Program Director Approval. This course includes instruction in the techniques used for an officer's personal safety and those necessary to subdue, search, and then transport resisting individuals. The use of restraining devices, impact weapons, and pressure points are covered. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission. 106 contact hours.

CJD 2705 CRIMINAL JUSTICE WEAPONS ..... 2 credits

Prerequisite: Program Director Approval. This course includes the use of officer firearms including handguns and shotguns. Safety procedures and ammunition use are covered. Instruction includes the use of chemical agents, with practical exercises included. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission. 64 contact hours.

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CJD 2720 CRIMINAL JUSTICE LEGAL III ..... 2 credits
Prerequisite: Program Director Approval. This course is about various criminal laws and their elements are studied. Emphasis is placed upon those laws specific to police application. Traffic and driver's license laws are studied. Legal considerations of officer vehicle operation are explored. Objectives addressed include those as specified by the Criminal Justice Standards and Training Commission. 32 contact hours.

CJD 2721 LAW ENFORCEMENT PATROL ..... 3 credits
Prerequisite: Program Director Approval. This course addresses the daily skills and techniques needed by officers to perform patrol tactics and respond to various types of calls. Methods of approach to various high-risk situations are explored, with practical exercises included. Unusual occurrences, including firefighting and crowd control, are addressed. Objectives addressed include those as specified by the Criminal Justice Standards and Training Commission. 47 contact hours.

CJD 2722 LAW ENFORCEMENT TRAFFIC ..... 3 credits
Prerequisite: Program Director Approval. This course includes traffic enforcement and control, with the inclusion of Driving Under the Influence (DUI) offenses and enforcement. Traffic accident investigation, scene management, and reporting procedures are studied. Objectives addressed include those as specified by the Criminal Justice Standards and Training Commission. 47 contact hours.

CJD 2723C VEHICLE OPERATIONS ..... 1 credit
Prerequisite: Program Director Approval. This course explores the components of the police driving environment and practical exercises on the driving range are conducted. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission. 32 contact hours.

CJD 2724 LAW ENFORCEMENT INVESTIGATIONS ..... 4 credits
Prerequisite: Program Director Approval. This course addresses investigations of various crimes, including property crimes, persons crimes, narcotics offenses, vice, organized crime, terrorist activity, bombing incidents, and death investigations. Techniques are developed from the initial observation methods through the processing of the crime scene and case preparation. Florida's computer network is studied as an information source. Objectives addressed include those as specified by the Criminal Justice Standards and Training Commission. 64 contact hours.

CJD 2740 CRIMINAL JUSTICE INTERPERSONAL SKILLS II ..... 3 credits
Prerequisite: Program Director Approval. The interpersonal skills needed by officers to understand the incarcerated society are explored, with emphasis upon supervision methods. Inmate adjustment and the various segments of the society are studied. The course includes studies of homosexuality, female inmates, deception and manipulation by inmates, and institutional criminalities. Objectives addressed include those as specified by the Criminal Justice Standards and Training Commissions. 50 contact hours.

CJD 2741 CORRECTIONAL EMERGENCY PREPAREDNESS ..... 1 credit
Prerequisite: Program Director Approval. Skills needed for riot and disturbance control and firefighting are studied and practiced. Course includes methods of riot prevention, handling of unusual occurrences, what to do if taken hostage, and emergency procedures. Objectives addressed include those as specified by the Criminal Justice Standards and Training Commissions. 26 contact hours.

CJD 2742 CORRECTIONAL OPERATIONS ..... 4 credits
The operation of correctional facilities is studied – including the intake of new inmates, all aspects of their daily care, institutional procedures, and techniques utilized by officers to perform daily tasks. Objectives addressed include those as specified by the Criminal Justice Standards and Training Commission. 64 contact hours.

CJD 2781 CROSSOVER LAW ENFORCEMENT ..... 3 credits
Various criminal laws and their elements are studied. Emphasis is placed upon those laws specific to police application. The differences between interviews and interrogations are explored. Domestic violence and suicide interventions are explored. Problems of juveniles and the elderly are discussed. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission. 47 contact hours.

CJE 1677 TRACKING STOLEN AND COUNTERFEIT ART ON THE INTERNET ..... 3 credits
Prerequisite: CJE 1680 and the permission of the program director. This course is designed to offer the participant an overview of art theft and counterfeiting, its identification, tracking and recovery using the internet. 47 contact hours.

CJE 1678 INTRODUCTION TO NETWORK SECURITY FOR COMPUTER RELATED CRIME INVESTIGATIONS ..... 3 credits
Prerequisites: CJE 1680 and CJE 1686 (1686 may be waived with the permission of the program director after demonstrated investigative experience). This course will provide the student with knowledge of a network, security issues relating to networks and investigations regarding computer related crime investigations. 47 contact hours.

CJE 1680 INTRODUCTION TO COMPUTER RELATED CRIME INVESTIGATIONS ..... 3 credits
Prerequisite: Basic computer skills, proficiency in the use of the Internet and the permission of the program director. This course provides the student an overview of criminal acts that can be committed with the use of a computer and the Internet, how computer related crimes are committed and how computer related crimes are investigated. The legal issues involved in the prosecution of computer related crimes will also be explored. Topics include the Internet and investigative software tools. 47 contact hours.

CJE 1681 THE INTERNET AS AN INVESTIGATIVE TOOL ..... 3 credits
Prerequisite: CJE 1680. This course will instruct students in how to utilize a computer and advanced Internet search techniques as an investigative tool. Topics will include tracking individuals using email addresses, newsgroups, chat rooms, public record information and network addresses. 47 contact hours.

CJE 1682 TRACKING AND PROFILING HACKERS, PEDOPHILES AND INTERNET STALKERS ..... 3 credits
Prerequisite: CJE 1680. This course provides the student with the knowledge to track and profile hackers, pedophiles and internet stalkers. Software tools and web sites used by investigators will be a part of this course. An overview of criminal acts committed by hackers, pedophiles and internet stalkers will also be included in this course. 47 contact hours.

CJE 1683 INTERNET PORNOGRAPHY INVESTIGATIONS ..... 3 credits
Prerequisite: CJE 1680. This course will provide the student with the knowledge, tools and laws related to Internet pornography investigations. 47 contact hours.

CJE 1684 INTERNET FRAUD INVESTIGATIONS ..... 3 credits
Prerequisite: CJE 1680. This course will provide the student with the knowledge of the tools, procedures and appropriate laws necessary to investigate internet fraud crimes. 47 contact hours.

CJE 1685 LEGAL ASPECTS OF COMPUTER RELATED CRIMINAL INVESTIGATIONS ..... 3 credits
Prerequisite: CJE 1680. This course will provide the student the opportunity to learn the legal aspects of laws and codes that apply to computer related criminal investigations. Students will learn the elements required to prosecute computer related crimes including writing search warrants. 47 contact hours.

CJE 1686 FORENSIC COMPUTER RELATED CRIMES INVESTIGATIONS ..... 3 credits
Prerequisite: CJE 1680. This course will introduce the student to the principles and practices required to obtain and preserve evidence in a forensics computer related crime investigation. Topics will also include the Internet and investigative software tools. 47 contact hours.

CJE 1687 COMPUTER SOFTWARE PIRACY AND COPYRIGHT INFRINGEMENT ..... 3 credits
Prerequisite: CJE 1680. This course provides the student with an overview of the legal issues involved in computer software piracy and copyright infringement, the tools and technologies used to commit these offenses, and the investigative techniques that can be utilized to combat these crimes. 47 contact hours.

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CJE 1688 INVESTIGATION OF CRIMINAL USE IN COMPUTERS ..... 3 credits
Prerequisite: CJE 1680. This course will introduce the student to the many ways in which the computer can be used as a counterfeiting tool. 47 contact hours.

CJE 1689 INTERNATIONAL COMPUTER CRIME ..... 3 credits
Prerequisite: CJE 1680 and the permission of the program director. This course provides the student an overview of criminal acts that can be committed with the use of a computer and the Internet, how the crimes are committed on an international scale and how these crimes may be investigated. The legal issues of the global community will be explored in the prosecution of these crimes. Topics will include prolific crimes, investigative tools and usage of the Internet. 47 contact hours.

CJE 1800 INTRODUCTION TO SECURITY AND LOSS PREVENTION ..... 3 credits
Prerequisite: Admission to the Security Management Administration program. This course will provide the student an overview of the private security and loss prevention industry and the major differences between private security and law enforcement. Proprietary and contract security operations are also examined. The purpose of this course is to present a broad and fundamental introduction to the theories, history and contemporary practices involved in private security. 47 contact hours.

CJE 1802 COMMERCIAL SECURITY ..... 3 credits
Prerequisite: Admission to the Security Management Administration program. This course will provide the student an overview of commercial security including the history, current issues, and developments in this field of study. The course will deal with the specific issues of retail, industrial, office, cargo, entertainment, and sports venues. Management issues incorporating computer security issues will also be addressed. 47 contact hours.

CJL 1104 CRIMINAL LAW AND LEGAL CONCEPTS FOR SECURITY ..... 3 credits
This course provides the student with the general principles of criminal law and legal elements of security. Students will learn the legal concepts that affect security within business organizations. Ethical issues, legal liability, and investigative skills will be presented in the context of security management and administration. 47 contact hours.

CJL 1405 CONSTITUTIONAL AND SECURITY LAW ..... 3 credits
Prerequisite: Admission to the Security Management Administration program. This course provides the student an overview of constitutional and security laws. The course focuses on the history of modern criminal law based on the constitution, and examines the interaction of private and public legal functions. 47 contact hours.

CJL 1406 INTERVIEW AND INTERROGATION ..... 3 credits
Prerequisite: Admission to the Security Management Administration program. This course will provide the student with an overview of the process of interviewing and interrogating persons from the perspective of a private security specialist. This course will also examine the philosophy, definitions, and types of interviews and interrogations, and provide a working knowledge of all the elements required for conducting interviews and interrogations from preparation to closure. 47 contact hours.

CJL 1407 INTRODUCTION TO PRIVATE INVESTIGATIONS ..... 3 credits
Prerequisite: Admission to the Security Management Administration program. This course will provide students with an overview of the private investigation industry. The course will focus on employment opportunities, history, evolution, methods and management of private investigations, sources of information, investigative technology, and ethical and public policy considerations related to investigations in the private sector. 47 contact hours.

CJL 2062 CONSTITUTIONAL LAW AND RULES OF EVIDENCE ..... 3 credits
This course is a survey of Constitutional Law and Criminal Procedure. Topics include: the Bill of Rights, the Due Process Clause of the Fourteenth Amendment, the laws of arrest, search, and seizure, right to counsel, self-incrimination, entrapment and identification of suspects. 47 contact hours.

CJL 2134 FORENSIC FINANCIAL INVESTIGATION ..... 3 credits
Prerequisite: CJE1680. This course will provide students with the background and history of fraud and monetary abuse and will introduce fraud schemes used by employees, owners, managers and executives to defraud their companies. Fraud topics include asset misappropriations, and fraudulent financial statements. 47 contact hours.

CJT 1110 INTRODUCTION TO CRIME SCENE TECHNOLOGY ..... 3 credits
This course is an introductory course in crime scene investigation techniques. Emphasis is placed upon recording the crime scene, collecting and preserving physical evidence, and the examination of evidence. Employment of those techniques available to the crime scene investigator also will be demonstrated. 47 contact hours.

CJT 1111 ADVANCED CRIME SCENE TECHNOLOGY ..... 3 credits
Prerequisite: CJT 1110. This course covers advanced principles, theories and applications in crime scene technology. Specialized collection procedures of weapons, traffic crash evidence, arson, gun shot residue, blood spatter, and recovery of buried bodies and surface skeletons are also included. Data analysis, reporting and plan of action development are emphasized. 47 contact hours.

CJT 1220 CRIME SCENE PHOTOGRAPHY I ..... 3 credits
Pre- or corequisite: CJT 1110. This course includes basic crime scene photography skills including camera operation and exposure control, proficiency in relational photos and flash control for crime scene and evidentiary documentation. This course also includes videography. 47 contact hours.

CJT 1221 CRIME SCENE PHOTOGRAPHY II ..... 3 credits
Prerequisite: CJT 1220. This course expands upon concepts, knowledge and skills taught in Crime Scene Photography I to include specialty light sources, darkroom techniques and procedures, filters and specialized equipment including black and white and color enlargers. 47 contact hours.

CJT 2112 CRIME SCENE SAFETY ..... 2 credits
This course covers potential health and safety hazards one will encounter at a crime scene. The course will also introduce the proper protective techniques to minimize risk to self and others. Emergency procedures and state and federal regulations are included. 32 contact hours.

CJT 2113 COURTROOM PRESENTATION OF SCIENTIFIC EVIDENCE ..... 3 credits
This course covers dress, grooming, speaking, listening and stress control during courtroom proceedings. Visual aid preparation and presentations of all evidence (commonly referred to as “scientific evidence”) collected at the crime scene are also included. Mock trial exercises will be used. 47 contact hours.

CJT 2141 INTRODUCTION TO FORENSIC SCIENCE ..... 3 credits
This course exposes the student to the capabilities and functions of a full-service crime laboratory. Also covered is evidence selection and submission to crime lab in accordance with established standards and legal requirements including chain of custody. 47 contact hours.

CJT 2240 FINGERPRINT CLASSIFICATION ..... 3 credits
This course teaches the Henry modified system of fingerprint classification and prepares the student for a position as an inked fingerprint examiner. 47 contact hours.

CJT 2241 LATENT FINGERPRINT DEVELOPMENT ..... 3 credits
Prerequisite: CJT 1110. This course emphasizes the techniques involved in detection, enhancement and recovery of latent fingerprints from physical evidence. Chemical and mechanical methods and surfaces will be analyzed and evaluated for proper application in both theory and practice. 47 contact hours.

CJT 2260 BIOLOGICAL EVIDENCE ..... 2 credits
This course exposes the student to the forensic value, handling, preservation, testing and documentation of biological evidence. This course also addresses safety issues involved in handling biological evidence. 32 contact hours.

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CLP 2140 ABNORMAL PSYCHOLOGY ..... 3 credits
Prerequisite: PSY 1012. This course is an examination of the major categories of psychological disorders. Diagnostic criteria, and treatment methods, applicable to psychological disorders are studied. This course has a substantial writing requirement. 47 contact hours.

CLT 2373 ANCIENT GREEK MYTHOLOGY ..... 3 credits
This course will acquaint the student with the world of mythological gods and heroes of the Ancient Greeks. Literature, art and archaeology will be examined, as well as lifestyles and ideas of the Ancient Greek civilization. 47 contact hours.

* 2949 CO-OP WORK EXPERIENCE ..... 1-3 credits
Prerequisite: Faculty advisor/co-op coordinator approval. A course designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to three per course. The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. Co-op courses may be repeated but total credits shall not exceed twelve.

*Appropriate course prefixes will be assigned relative to the student's academic major prior to registration. Interested students should contact the Career Development Center to obtain registration approval.

COM 1100 ASSERTIVE COMMUNICATION SKILLS FOR BUSINESS ..... 1 credit
This course is designed to develop the student's ability to apply the concepts of assertive communication in business. Students will learn effective assertive communication techniques through practice exercises and hands-on activities that engage the learner in the acquisition of assertive communication techniques for workplace application. 17 contact hours.

COP 1000 COMPUTER CONCEPTS ..... 3 credits
This course is intended to provide an in-depth introduction to computers and computer technology for students who are not computer science, business, engineering technology, or pre-engineering majors. It is an up-to-date survey of electronic data processing, computer hardware and software systems, and developments that will provide the basis for further advancements in information processing. 47 contact hours.

COP 1001 PERL FUNDAMENTALS ..... 3 credits
Prerequisite: CGS 1824. This course will teach students how to fully utilize the Perl programming language. Students learn the Perl syntax, the basics of using regular expressions, how to use Perl data types, and how to access and manipulate files. Students are also introduced to database connectivity and debugging techniques. 47 contact hours.

COP 1006 INTRODUCTION TO INFORMATION SYSTEMS ..... 3 credits
This course introduces students to computer based information systems through an introduction to programming of Web-based software. Students are introduced to the modern model of the computer in the context of a network. Students are introduced to writing programs in Java, an object oriented language designed in part to write Web-based applications. Students create Web pages and programs and applets in Java. Topics include: introduction to software environment; introduction to software development process; clients, servers and data transfer; introduction to naming issues; languages, syntax, interpretation, compilation and execution; program control structures; data representation (simple types, encapsulated types, multimedia types); basic Java and Hypertext Markup Language (HTML). 47 contact hours.

COP 1120 COBOL PROGRAMMING I ..... 3 credits
Prerequisite: CGS 1000 or permission of instructor/director. This course is designed to introduce the student to the COBOL language. Emphasis is placed on the organization of a COBOL program and its development from a source program to its final executable form. Topics covered include structure of a COBOL program, COBOL coding forms, construction and definition of data items used by the program, and different verbs used to create the functional part of the program. Three hours weekly.

COP 1344 UNIX/SHELL PROGRAMMING ..... 1 credit
This course is an introduction to practical applications of UNIX and UNIX-like systems intended for all students interested in developing good ability to use interactive computers. Topics include shell scripts and programming with variable substitution and control structures of IF-THEN-ELSE and WHILE-UNTIL loops. 16 contact hours.

COP 1346 INTRODUCTION TO UNIX SYSTEM ADMINISTRATION ..... 1 credit
Prerequisite: COP 1344. This course is designed to overview the essential tasks of the Unix System Administrator. Students will gain the skills necessary to set up user accounts, manage system resources and perform other essential tasks. They will also learn the basics of system security, network services, and customizing the boot process. Additionally students will plan, install and perform support tasks within the corporate/organizational Unix Operating Environment. 16 contact hours.

COP 1361 OBJECT ORIENTED ANALYSIS AND DESIGN ..... 3 credits
Prerequisites: CGS 1824 and COP 1830. This course will teach students object-oriented analysis and design techniques using UML (Unified Modeling Language) in the context of the unified software development process. The course provides an introduction to object-oriented theory and the software development life cycle. Students learn proper analysis and design procedures, and their roles in the development process. Students gain hands-on experience with all phases of the development process: requirements, analysis, design, construction, and testing. 47 contact hours.

COP 1606 QUALITY ASSURANCE SOFTWARE TESTING CONCEPTS ..... 3 credits
Prerequisite: MAN 1551. This course teaches the software professional the fundamentals of software testing. The course presents concepts including Quality Assurance (QA) principles, software life cycles, test stages, creation of test data and software testing techniques. 47 contact hours.

COP 1607 SOFTWARE SPECIFICATION, TEST AND MAINTENANCE ..... 3 credits
Pre- or corequisites: CGS 1490, COP 1700. This course focuses on the principles of development of software systems following software engineering practices. Students work in multi-person teams on Internet based software projects of significant scale. Topics include: life cycle models, software life cycle models, requirements analysis, design, inspection, testing, documentation, configuration control, application generators and Computer Assisted Software Engineering (CASE) tools. 47 contact hours.

COP 1608 METHODS OF SOFTWARE SYSTEM TESTING ..... 3 credits
Prerequisite: MAN 1551. This course is designed to teach the software professional how to effectively plan and execute software testing to validate that a system meets requirements. The course provides a structured approach for testing throughout the systems development life cycle using commonly accepted steps in software testing. 47 contact hours.

COP 1610 SYSTEM LEVEL PROGRAMMING ..... 3 credits
Pre- or corequisites: CGS 1493, CGS 1491. This course provides students with a user-level view of processors, networks and operating systems. Students learn explicitly about assemblers and assembly code, program performance measurement and optimization, memory organization and hierarchies, network protocols and operation, and concurrency. Programming assignments use the C programming language. Topics include: overview of instruction sets and assembly language programming; memory management; memory hierarchies: cache, memory, virtual memory; performance measurement and tuning; basic Internet protocols; basic concurrent programming. 47 contact hours.

COP 1631 NETWORKS AND DISTRIBUTED COMPUTING ..... 3 credits
Pre- or corequisite: COP 1610. This course focuses on principles and practices of network-based computing. It begins with an overview of networking technology in support of data and multimedia communication. It continues with application-oriented protocols and approaches to distributed object oriented programming using Java. Topics include: survey of networking protocols and technology; multimedia networking; client/server design, thick and thin clients; Common Object Request Broker Architecture (CORBA) and related tools; World Wide Web (www) implementation issues; electronic mail; security and privacy issues. 47 contact hours.

COP 1700 DATABASE SYSTEMS ..... 3 credits
Pre- or corequisite: CGS 1491. This course introduces students to database concepts including database design. Relational data models are emphasized. Students develop client-server applications in Java and/or Visual Basic, using commercial database management systems. Example applications include e-commerce systems. Topics include: relational data models and data independence; relational query languages; database design; client-server applications; performance issues; distributed, object-oriented and multimedia databases. 47 contact hours.

COP 1803 JAVASCRIPT FUNDAMENTALS ..... 3 credits
Prerequisite: CGS 1824. This course will teach students how to use the features of the JavaScript language and design client-side, platform-independent solutions. Students will learn how to write JavaScript programs, how to script for the JavaScript object model, control program flow, validate forms, animate images, target frames, and create cookies. Students will also understand and use the most popular applications of JavaScript. 47 contact hours.

COP 1822 INTRODUCTION TO WEB PAGE CREATION ..... 1 credit
Prerequisite: Computer competence and knowledge of Internet use. This course is designed to introduce an experienced computer user to the tools necessary to create a web site. Students will be exposed to the protocol and vocabulary of web production, and apply HTML to the development of a World Wide Web site. Students will be introduced to a variety of site features including GIF and JPEG files, audio, video, animation, and interactivity. The student will have the opportunity to develop a web site from initial concept to publication. This course may be taken up to three (3) times for credit if different software is used. 16 contact hours.

COP 1826 WEB GRAPHICS DESIGN I ..... 3 credits
Prerequisite: COP 2823. This course explores design considerations involved when using graphics on the web such as prevalent programs and file formats, platform/browser issues and the development of standards. Students will learn how to create and manipulate graphics performing tasks such as reducing file size, creating transparent gifs, and using file conversion techniques. Participants will learn how to use browser safe colors, create background tiles, and experiment with the effects of anti-aliasing and dithering. Graphical rules, bullets and buttons are just some of the graphics created during this class. Several different software programs are used throughout the course. 47 contact hours.

COP 1827 WEB GRAPHICS DESIGN II ..... 3 credits
Prerequisite: COP 1826. This course is designed to follow Web Graphics Design I extending the students' overall knowledge of web graphics and their possibilities. Students will create graphical/text links, image maps and navigation bars as a method of navigation throughout the web site. Participants will create type and explore surrounding issues like aliasing and its effects. Students will scan, resize, and use tables to aid with placement and alignment of graphics. Animated gifs, sound, and interactivity are important topics also covered in this course. 47 contact hours.

COP 1829 WEB GRAPHICS I ..... 1 credit
This course will introduce students to Web based images, imaging editing methods, and software used to modify graphic images for use on Web pages. Topics include specific techniques used to create bitmapped Web graphics, image input methods, basic Web color theory, and GIF animations. This course may be taken up to three (3) times for credit if different software is used. 16 contact hours.

COP 1830 DYNAMIC SERVER PAGES ..... 3 credits
Prerequisites: CTS 1103, COP 1803 and COP 1001. This course will teach students how to work in the server-side scripting environment. Students will learn the basics of application development and general principles that apply to most development environments. Students will develop applications using two specific server-side application development tools: Microsoft Active Server Pages (ASP) and PHP Hypertext Preprocessor (PHP). Students will also learn key application standards such as source and revision control, coding standards, code optimization and data integrity. 47 contact hours.

COP 1941 WEBSITE CREATION PRACTICUM ..... 1 credit
Prerequisite: Program director approval. This website practicum is to be taken during the last semester of study and allows the student to experience and practice the principles and techniques developed while in the Webmaster Certificate program. The purpose of this course is to allow students a "real world" experience in developing and maintaining an active website while further refining skills in their area of specialization as Web Developer or Web Designer. The student will spend a minimum of thirty hours in an active web activity on-campus or at another approved business. 16 contact hours.

COP 2010 VISUAL BASIC FOR WINDOWS I ..... 3 credits
Prerequisite: CGS 1000 or COP 1006 or permission of the instructor/director. This course is an introduction to object-oriented programming using Microsoft Visual Basic for Windows. Topics covered will be the programming environment and how to use it, use of programming values and variables, conditional statement and loops, modules and parameter passing, use of controls, use of built-in functions, and use of windows forms for communicating with the user. 47 contact hours.

COP 2011 VISUAL BASIC FOR WINDOWS II ..... 3 credits
Prerequisite: COP 2010. A continuation of Visual Basic for Windows I. Topics covered will include objects and controls using built-in and user collections, class creation and usage, ActiveX controls and DLL's, Access database operations including SQL and Data Access Objects (DAO)/ActiveX Data Objects (ADO) printer output and file output and input. 47 contact hours.

COP 2222 ADVANCED C++ PROGRAMMING FOR BUSINESS ..... 3 credits
Prerequisite: CGS 2402 or permission of the instructor/director. An advanced programming course in C language. Emphasis is placed on programming using classes and structures in C++. Topics covered will include classes, structures and an introduction to Windows programming. 47 contact hours.

COP 2224 C++ WINDOWS PROGRAMMING FOR BUSINESS ..... 3 credits
Prerequisite: COP 2222 or permission of the instructor/program director. The student will create C++ programs to run in Microsoft Windows Operating Systems. Topics included will be pull-down menus, graphics, controls, Dynamic Link Libraries (DLL), class libraries, application wizard COM and ActiveX, and Object Linking and Embedding (OLE). 47 contact hours.

COP 2250 JAVA PROGRAMMING I ..... 3 credits
Prerequisite: CGS 1000 or COP 1006 or permission of instructor/director. This is a beginning programming course in the Java language. The student will learn to design, document, prepare, enter, compile, debug and execute Java applications and applets of moderate sophistication. Major topics covered include: history, object-oriented programming, data types, data structures, and input/output in Java. 47 contact hours.

COP 2253 JAVA PROGRAMMING FUNDAMENTALS ..... 3 credits
Prerequisites: WEADV Certificate or permission of program director. This course will teach students how to write Java applications and applets. Students will learn the Java language mechanics found in other programming languages and object-oriented theory as it relates to Java. Students will create GUIs (Graphical User Interfaces) for both applications and applets and implement the SDKs (Software Development Kits) event delegation model to practical situations. This course will prepare students for the Sun Certified Programmer Examination by providing reviews and examples relevant to the exam. 47 contact hours.

COP 2340 FUNDAMENTALS OF THE LINUX/UNIX OPERATING ENVIRONMENT ..... 3 credits
This course is designed to teach students how to use basic Linux/Unix Operating Environment commands. The course is for new users of the Linux/Unix Operating Environment. Students learn file system navigation, file permissions, the vi text editor, command shells and basic network use. Major topics covered include accessing the environment, accessing files and directories, directory and file commands, searching for files and text, file security, text editing, archiving user data, remote connections, system processes, the Korn shell, sed and awk text filtering commands and reading shell scripts. 47 contact hours.

COP 2341 UNIX SYSTEM ADMINISTRATION I ..... 3 credits
Prerequisite: COP 2340. This course is designed to teach students the skills they need to effectively administer the Unix Operating Environment. Students will plan, install, and perform support tasks related to their individual Unix Operating Environment server. Major topics covered include user accounts, sys-

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tem security, Unix directory hierarchy, device configuration, disks, filesystems, scheduled jobs, print service, boot Programmable Read Only Memory (PROM), boot process, software packages, software patches, and backup and recovery procedures. 47 contact hours.

COP 2344 SHELL PROGRAMMING FOR SYSTEM ADMINISTRATORS ..... 3 credits
Prerequisites: COP 2345 or CTS 2322, or permission of instructor. This course is intended for students who have mastered the basic Linux/Unix Operating Environment and who would like to read and understand the various boot scripts, and write scripts to automate day-to-day tasks. This course is designed to teach students the skills they need to effectively read, write and debug shell scripts. This course explores in detail the Bourne, Korn, and Bash shell scripting languages. Major topics covered include Linux/Unix shells and shell scripts, writing and debugging shell scripts, the shell environment, regular expressions and the grep command, the sed editor command, the awk text filtering command, conditional control statements, interactive scripts, loops, advanced variables, parameters, argument lists, shell functions, shell traps. 47 contact hours.

COP 2345 UNIX SYSTEM ADMINISTRATION II ..... 3 credits
Prerequisite: COP 2341. A continuation of Unix System Administration I, this course is designed to teach students the skills they need to effectively administer the Unix Operating Environment. Students will plan, install, and perform support tasks related to their individual Unix Operating Environment server. Students will configure basic network protocols and share resources with other students in the class. Major topics covered include the client-server model, the Unix network environment, the Unix operating environment, disk management, Unix file systems and swap space, role-based access control, naming services, the Network Information Service (NIS), the automatic installation process. 47 contact hours.

COP 2347 LINUX/UNIX NETWORK ADMINISTRATION ..... 3 credits
Prerequisite: COP 2345 or CTS 2322. This course provides hands-on experience with configuration and troubleshooting, as well as Internet Protocol (IP) routing, Domain Name Service (DNS), Dynamic Host Configuration Protocol (DHCP), and IP version 6 (IPv6). Students will plan, install, and perform support tasks related to their individual Linux/Unix Operating Environment server. Students will configure network protocols and share resources with other students in the class. Major topics covered include network models, Local Area Networks (LANs), the Ethernet interface, Address Resolution Protocol (ARP) and Reverse Address Resolution Protocol (RARP), the Internet Layer, the Client-Server model, network management tools, DNS, the Network Time Protocol (NTP), network troubleshooting, and IPv6. 47 contact hours.

COP 2360 INTRODUCTION TO C# PROGRAMMING ..... 3 credits
Prerequisite: CGS 2402 or permission of the program director. This course is a study of the C# (C Sharp) programming language within the .NET Framework. Emphasis is placed upon the position of .NET in software development and creation of .NET applications by applying the base library classes and developing and applying user-defined classes in the WinForm applications using C#. 47 contact hours.

COP 2403 P/C ASSEMBLER ..... 3 credits
Prerequisite: CGS 1000 or permission of instructor/director. This is a programming course in P/C ASSEMBLER Language; a computer language to support all of the machine's hardware features. Emphasis is placed on accessing screen, disk drives, keyboard, printer and speaker devices. 47 contact hours.

COP 2600 OBJECT ORIENTED WEB PROGRAMMING ..... 3 credits
Prerequisites: OST 1793 and CGS 1263. This hands-on programming course is designed to introduce the student to the basic concepts and skills necessary to write object-oriented programs for the World Wide Web. Students will be introduced to programming methods, components, key features, and language specific development tools. During the course a variety of examples will be created that demonstrate the student's ability to program applets and GUI (Graphical User Interface) applications. 47 contact hours.

COP 2701 ACCESS DATABASE PROGRAMMING ..... 3 credits
Prerequisites: COP 2010 and CGS 1545 or permission of the instructor. This course emphasizes creation of applications using Microsoft Access Visual Basic for Applications (VBA) programming. Prior knowledge of database creation, design and query construction, along with Visual Basic, are necessary. It will provide the student with technical skills necessary to program applications using VBA and DAO (Data Access Objects) with Access databases. Also included will be OLE Automation (Object Linking and Embedding), database replication, security implementation, accessing external data sources, creation of libraries, using the Setup Wizard for distributing applications and creating Access add-ins. 47 contact hours.

COP 2705 PROGRAMMING A DATABASE ON MICROSOFT SQL SERVER ..... 3 credits
Prerequisite: CGS 1545 or CEN 2331 or permission of the instructor. The student should have database experience relating to creation and design of relational databases. This course will provide the student with technical skills necessary to implement a SQL Server client server database management system. Included will be configuration, data integrity, Transact-SQL language elements, writing queries and stored procedures, creating triggers and publishing data on the World Wide Web (WWW). This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

COP 2706 MASTERING ENTERPRISE DEVELOPMENT USING MICROSOFT VISUAL BASIC 6 ..... 3 credits
Prerequisite: COP 2824 or COP 2011. This course will teach Microsoft Visual Basic programmers, who currently build desktop applications and access corporate databases, the basics of how to build three-tier client/server solutions. The course requires that the student have intermediate programming competency with the Microsoft Visual Basic programming system and an understanding of the basic syntax of SQL. 47 contact hours.

COP 2712 DATABASE DESIGN METHODOLOGY ..... 3 credits
Prerequisite: CGS 1492 and WEADV Certificate or permission of program director. This course teaches students how to plan and design relational databases. Students will learn about the theory behind relational databases, relational database nomenclature, and relational algebra. The course topics will also include Structured Query Language (SQL) and optimizing databases through normalization. 47 contact hours.

COP 2740 INTRODUCTION TO ORACLE: SQL & PL/SQL ..... 3 credits
In this course students will create and manage database systems using Oracle software. It is the foundation course for all other courses offered in the Oracle certificate program, both for those pursuing the Database Administrator track and those pursuing the Developer track. Upon completion of this course, students will have an introductory knowledge of how to develop and administer an Oracle database. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

COP 2741 ORACLE FUNDAMENTALS I: ARCHITECTURE & ADMINISTRATION ..... 3 credits
Prerequisite: COP 2740 or permission from instructor/director. Upon completion of this course, students will be able to create, start up and shut down an Oracle database. Additionally, students will be able to manage an Oracle database and its users. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

COP 2742 ORACLE FUNDAMENTALS II: BACKUP AND RECOVERY WITH NETWORKING ..... 3 credits
Prerequisite: COP 2741 or permission from instructor/director. Upon completion of this course, students will be able to design a backup strategy for an Oracle database. Students will also learn strategies for recovery from various problem scenarios involving corrupt or missing data. The student will learn how to use Oracle technology to provide an enterprise-wide foundation for information systems. The course will include instruction on how to administer a server that is part of a global, distributed database. The course will cover the skills necessary to administer an Oracle database system across a Windows NT network. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

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COP 2744 ORACLE PERFORMANCE TUNING ..... 3 credits
Prerequisite: COP 2763 or permission from instructor/director. Upon completion of this course, students will be able to recognize and solve common database performance problems. Students will also improve their Oracle problem identification and troubleshooting skills. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

COP 2745 ORACLE 9i: PROGRAM WITH PL/SQL ..... 3 credits
Prerequisite: COP 2740 or permission from instructor/director. This course will enable students to create PL/SQL blocks of application code that can be shared by multiple forms, reports, and data management applications. Students will develop program units, learn to manage PL/SQL program units, database triggers, dependencies, large objects, handle exceptions and to use Oracle-supplied packages. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

COP 2746 ORACLE 9i FORMS DEVELOPER BUILD INTERNET APPLICATIONS I ..... 3 credits
Prerequisite: COP 2745 or permission from instructor/director. This course will enable students to develop, implement and deploy internet applications using Oracle's Forms Application. Working in a rapid development environment, students learn how to customize forms through user input items and how to control data access by creating event-related triggers using PL/SQL.By the end of the course students will have developed a complete multi-window application that integrates library and menu modules with forms modules. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

COP 2747 ORACLE 9i FORMS DEVELOPER BUILD INTERNET APPLICATIONS II ..... 3 credits
Prerequisite: COP 2746 or permission from instructor/director. Upon completion of this course, students will broaden their application building skills using Oracle Developer. Students will create multiple-form Internet applications and learn to manage multiple transactions across modules by adding custom menus, reports, charts, and Java beans. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

COP 2748 ORACLE 9i REPORTS DEVELOPER: BUILD REPORTS ..... 3 credits
Prerequisite: COP 2745 or permission from instructor/director. Upon completion of this course, the student will be able to develop and maintain various types of reports using Oracle Report Builder. The students will develop reports in a graphical user interface (GUI) environment and will learn to incorporate graphic images as well as customize reports using PL/SQL. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

COP 2762 ORACLE DATABASE ADMINISTRATOR CERTIFIED PROFESSIONAL UPGRADE ..... 3 credits
In order to stay current as an Oracle Certified technical professional, those already certified on previous releases of Oracle may upgrade to each future release by simply completing one migration exam. This course introduces students to the new features in Oracle that impact database administration. Students learn how to use the latest Oracle capabilities to increase database availability, to simplify database performance monitoring and tuning, and to improve database manageability. The course also covers security and development platform changes that students need to understand if applications running in databases they support use the related features. Hands-on practice sessions give students an opportunity to examine many of the new features for themselves. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

COP 2763 ORACLE NET SERVICES: ADVANCED ADMINISTRATION ..... 3 credits
Prerequisite: COP 2742 or permission from instructor/director. In this course, the features of Oracle Net Services which ease the complexities of network configuration and management will be explored. Oracle Net Directory Naming will be discussed in detail and students will learn how to migrate from a Local Naming Configuration and Oracle Names to Directory Naming. Additional scalability features of Oracle Net Services such as Connection Pooling and Session Multiplexing with Oracle Connection Manager will be covered. Students will learn tuning and troubleshooting techniques, including the use of the Trace Assistant. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

COP 2800 JAVA PROGRAMMING II ..... 3 credits
Prerequisite: COP 2250. This course will teach students to write JAVA programs that can be executed on any computer running a Virtual JAVA Machine. The programs can travel across the Internet or any other similar network and run on a computer with a web browser. Students will write complete applications and small JAVA applets. 47 contact hours.

COP 2801 JAVASCRIPT ..... 3 credits
This course will teach students to write JavaScript programs that can be executed on any computer running compatible software. These programs will be created using this Object Based Scripting Language and designed to interact over the internet or any other similar network with an appropriate Web Browser. Students will conceptualize and develop interactive web sites using the full features of JavaScript. 47 contact hours.

COP 2806 JAVA SERVER PAGES AND SERVLETS ..... 3 credits
Prerequisite: COP 2250 or permission of the Program Director. This course provides students with the skills needed to develop Web applications using Java. Students will learn to install a web server. The course will teach the creation and use of Hyper Text Markup Language (HTML), Java servlets and Java Server Pages (JSP). Course work will cover usage of sessions, cookies and custom JSP tags. Students will also learn to create simple JavaBeans. Database applications will be developed. Application security mechanisms will be studied. 47 contact hours.

COP 2807 DISTRIBUTED OBJECT COMPUTING USING CORBA AND JAVA ..... 3 credits
Prerequisites: CTS 2432 and WEADV Certificate or permission of program director. This course introduces students to the fundamentals of distributed object computing using Component Object Requestor Broker Architecture (CORBA). Students learn to choose and install an Object Management Group (OMG). The course introduces students to the fundamentals of the Interface Definition Language (IDL), including how IDL maps to the Java language. Students will obtain hands-on experience building client/server applications that make use of the Static Invocation Interface (SII). 47 contact hours.

COP 2809 ENTERPRISE JAVABEANS ..... 3 credits
Prerequisites: COP 2807. In this course the student will learn the Java Platform, Enterprise Edition (JEE), as well as Enterprise JavaBeans (EJB) concepts, methodology, and development. Students will also learn about Enterprise JavaBeans (EJB)-compliant servers, and how the Enterprise JavaBeans are used by remote client applications. Topics include developing entity beans, database connectivity, transactions and computing environment security. 47 contact hours.

COP 2823 ADVANCED WEB PAGE CREATION ..... 3 credits
Prerequisite: COP 1822. This course is designed to extend the knowledge gained in Introduction to Web Page Creation. Students will be exposed to advanced topics in developing web sites. These topics include advanced design using tables and forms, creating on-line forms with HTML, and using Cascading Style Sheets to design web pages. Students will also be exposed to the latest developments in terms of web page design. These topics include Dynamic HTML and XML (Extendable Markup Language). Students will become familiar with one of the newest WYSIWYG (What you see is what you get) HTML editors, Macromedia Dreamweaver. 47 contact hours.

COP 2824 WEB SITE DEVELOPMENT USING MICROSOFT VISUAL INTERDEV ..... 3 credits
Prerequisite: COP 2011. This course is the study of Visual InterDev as a tool for creating Web sites utilizing ActiveX technology components on both the client workstation and Web server. Tools emphasized will include Visual InterDev Web development system and Visual Basic. Creation of a multi-tiered Web site accessing a database will be emphasized. 47 contact hours.

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COP 2837 VISUAL BASIC.NET PROGRAMMING I ..... 3 credits
Prerequisite: CGS 1000 or permission of program director. This course includes an introduction to the .NET framework and the class libraries for developing Visual Basic applications. Visual Basic building blocks, language syntax and programming structures will be emphasized through development of Windows applications using forms and controls. 47 contact hours.

COP 2838 VISUAL BASIC.NET PROGRAMMING II ..... 3 credits
Prerequisite: COP 2837 or permission of program director. This course is a continuation of COP 2837 with the development of Windows applications using forms and classes. ActiveX Data Objects.NET (ADO.NET) is used to access databases and blend them into an application program as sources of data. Web service applications and Web Forms are developed. 47 contact hours.

COP 2839 ASP.NET PROGRAMMING WITH VB.NET ..... 3 credits
Prerequisite: COP 2837. This course is the study of the creation of Web server based components to generate Hypertext Markup Language (HTML) using Active Server Pages.NET (ASP.NET) in a Visual Basic.NET programming environment. ASP.NET programs are created using an event driven programming model. Server controls and Web forms are studied in depth. 47 contact hours.

COP 2840 SCRIPTING FOR BROWSERS ..... 2 credits
Prerequisite: CGS 1000 and COP 2823. This course will explore various Internet programming such as VBScript, JavaScript, ECMAScript, Perl and CGI in order to create dynamic Web applications using both client-side and server-side scripting technologies. The students will become familiar with Active Server Pages (ASP) to process form data from the client and discover how to use ASP to interact with other applications on the server and other databases. 32 contact hours.

CPO 2002 COMPARATIVE GOVERNMENT ..... 3 credits
Prerequisite: POS 2041. This course is a comparative study of selected countries and their political system. The course will examine forms of government, institutions, political culture, policymaking processes and contemporary problems. 47 contact hours.

CPO 2140 GOVERNMENT AND POLITICS OF SPAIN ..... 3 credits
Prerequisite: Permission of program director. This course is an introduction to the understanding of Spain's governmental process, with emphasis on the structure of Spain's politics, the constitutional framework, the workings of the bureaucracy and the role of interest groups within the context of Spain's constitutional setting. This course is offered as a part of the Semester Experience Abroad program in Seville, Spain. 47 contact hours.

CRW 2000 CREATIVE WRITING ..... 3 credits
Prerequisite: ENC 1101 or ENC 1121H. This course is offered for students desiring experience in such forms as the short story, poetry, the novel, etc. and is conducted under workshop conditions. The class will discuss outstanding contemporary writers' work as patterns and also read and analyze the student's writing assignments. Each student may specialize in one literary form in a term project, as determined in a conference with the instructor. This course has a substantial writing requirement. 47 contact hours.

CTS 1101 BASIC COMPUTER AND INFORMATION LITERACY ..... 1 credit
This course is designed to develop computer and information literacy skills to help students become active participants in the Information Age. It introduces general computer operations using the microcomputer. Emphasis will be placed on using the mouse, disk and file management and overall desktop techniques. An introduction to a word processing and a spreadsheet program is included. Further, the course will introduce students to the core concepts of information literacy and essential techniques for locating, analyzing, organizing and presenting information for research purposes. The course stresses strategies for using a variety of electronic resources emphasizing technological skills and critical thinking abilities as well as coping with the changing nature of information resources. (2 hours Windows, terminology and file management; 3 hours Microsoft Word; 3 hours Microsoft Excel; 4 hours electronic research, critical thinking and analysis; 4 hours Internet browser and search engines, effective searching, and evaluating sites). 16 contact hours.

CTS 1103 FUNDAMENTALS OF CGI USING PERL ..... 3 credits
Prerequisites: CGS 1824 and COP 1001. This course will teach students how to write Common Gateway Interface (CGI) scripts using Perl. Students will write print-to-screen scripts, customize Web page hit counters, create and use business forms that interact with text files, manipulate data in a database, work with a relational database via Open Database Connectivity (ODBC) and explore Web server security issues related to CGI files. 47 contact hours.

CTS 1313 FUNDAMENTALS OF NETWORK SECURITY WITH MICROSOFT ISA SERVER ..... 3 credits
Prerequisite: CEN 1320. This course provides students with the knowledge and skills necessary to implement and administer a Microsoft Windows 2003 Server secure network by using security policies, rules, and filters. The student will then implement these on a Microsoft Internet Security and Acceleration (ISA) Server. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CTS 1812 DEVELOPING AND DEPLOYING MICROSOFT BIZTALK SERVER 2000 SOLUTION ..... 3 credits
Prerequisite: CEN 1303. This course will provide students with the knowledge and skills that they need to develop and deploy Microsoft BizTalk Server 2000. This course may be repeated up to three (3) times with a different version of the software which has a substantial or significant change. 47 contact hours.

CTS 2160 LINUX/UNIX DOMAIN NAME SERVICE (DNS) ADMINISTRATION ..... 3 credits
Prerequisites: CTS 2322 or COP 2345 or permission of instructor. This course is designed to teach students the skills they need to effectively configure and maintain a Domain Name Service (DNS) on a Linux/Unix server. Students will plan, implement, and perform support tasks related to providing DNS on their individual Linux/Unix server. Major topics covered include DNS architecture and protocols, Berkeley Internet Name Domain (BIND) software, resolver, master and slave servers, subdomains, DNS security, DNS testing, BIND log files. 47 contact hours.

CTS 2220 ADVANCED WORD (MICROSOFT SPECIALIST) ..... 3 credits
Prerequisite: CGS 2103 or OST 1714 or permission of instructor or program director. This course will provide specialized training on advanced word processing concepts and techniques using Microsoft Word software. The major emphasis of this course will be the use of complex formatting of documents, managing document references, creating forms, customizing tables and charts, modifying graphics, using macros and mail merge, collaborating on documents, and integrating documents with the Internet as well as other application software. 47 contact hours.

CTS 2261 ADVANCED EXCEL (MICROSOFT SPECIALIST) ..... 3 credits
Prerequisite: CGS 2103 or CGS 1515 or permission of instructor or program director. This course will teach students advanced skills and design concepts necessary for employing Microsoft Excel to provide solutions to complex business problems. This course covers advanced topics in spreadsheet and workbook design, complex formulas, functions, charting skills, database management, and macro programming. The course includes hands-on experiences with exercises and projects to provide students with a thorough working knowledge of Microsoft Excel. 47 contact hours.

CTS 2301 LINUX NETWORK FILE SYSTEM (NFS) AND AUTOMOUNTER ..... 3 credits
Prerequisite: CTS 2322. This course is designed to teach students the skills they need to effectively configure and maintain a Network File System (NFS) and Automounter on a Linux server. Students will plan, implement, and perform support tasks related to providing NFS on their individual Linux server. Major topics covered include configuring, tuning, securing, diagnosing problems, and maintaining NFS and Automounter on a Linux Server. 47 contact hours.

CTS 2311 LINUX/UNIX SYSTEM SECURITY ..... 3 credits
Prerequisite: CTS 2322 or COP 2345. This course is designed to teach students the skills they need to effectively protect Linux/Unix environments from threats of all kinds. Students will plan, implement, and perform support tasks related to securing their

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individual Linux/Unix environment. Major topics covered include corporate security policies, providing and monitoring secure Linux/Unix servers, providing and monitoring secure network environments, secure electronic mail, secure web services, firewalls, and secure remote access. 47 contact hours.

CTS 2321 LINUX SYSTEM ADMINISTRATION I ..... 3 credits
Prerequisite: COP 2340. This course is designed to teach students the skills they need to effectively administer Linux servers. Students will plan, install, and perform support tasks related to their individual Linux server. Students will configure basic network protocols and share resources with other students in the class. Major topics covered include files, processes, documentation, startup and shutdown procedures, user accounts, security, software administration, and performance tuning. 47 contact hours.

CTS 2322 LINUX SYSTEM ADMINISTRATION II ..... 3 credits
Prerequisite: CTS 2321. A continuation of CTS 2321, this course is designed to teach students the skills they need to effectively administer Linux servers. Students will plan, install, and perform support tasks related to their individual Linux server. Students will configure basic network protocols and share resources with other students in the class. Major topics covered include filesystem and disk management, backup and restore procedures, printers, scripts, networking and network services, X Windows, mail and troubleshooting. 47 contact hours.

CTS 2430 ORACLE 8i FOR LINUX ..... 3 credits
Prerequisite: CTS 2322. This course is designed to teach students the skills they need to effectively configure and manage an Oracle8i environment on a Linux server. Students will plan, implement, and perform support tasks related to installing, configuring, accessing, and administering Oracle8i on their individual Linux server. Major topics covered include Structured Query Language (SQL), Procedural Language/Structured Query Language (PL/SQL), Java, relational schema, and objects. 47 contact hours.

CTS 2431 ADVANCED ACCESS (MICROSOFT SPECIALIST) ..... 3 credits
Prerequisite: CGS 2103 or CGS 1545 or satisfactory score on the skills assessment test. This course teaches students advanced skills and design concepts for employing Microsoft Access to quickly retrieve and manipulate enterprise data. The course includes hands-on experiences with exercises and projects to provide students with a thorough working knowledge of Microsoft Access programming. This course is valuable for anyone wanting to design and implement powerful database applications, including software developers, analysts, webmasters, programmers, and power users. 47 contact hours.

CTS 2432 BUILDING DATABASE CLIENT APPLICATIONS USING JDBC ..... 3 credits
Prerequisite: COP 2712. This course teaches students how to build database client applications using Sun's Java Database Access (JDBC). Students will learn how to apply the JDBC. Application Programming Interface (API) to connect to relational databases, issue SQL statements and queries, use transactions, prepared statements, stored procedures and metadata to create and manipulate database information. Students will apply the knowledge they acquire by building graphical client applications. 47 contact hours.

CTS 2570 ADVANCED POWERPOINT (MICROSOFT SPECIALIST) ..... 3 credits
Prerequisite: CGS 1100 or CGS 1520 or permission of instructor or program director. In addition, CGS 2103 strongly recommended. This course is designed to develop advanced Microsoft PowerPoint knowledge and skills to generate a variety of business presentations. The course includes using advanced multimedia, graphics, animation, and visual elements, sharing information with other programs, and using the Web and collaboration features. 47 contact hours.

CTS 2760 OUTLOOK (MICROSOFT SPECIALIST) ..... 1 credit
Prerequisite: CGS 1100 or program director approval. This course will develop advanced skills in a powerful desktop information management (DIM) program that assists in organizing work schedules, tracking files, and communicating with others. The student will use his or her high level skills of all the Microsoft Office software suite (Word, Excel, Access, PowerPoint) to create integrated planners, various integrated application files, and multi-user information sharing through this DIM. 16 contact hours.

CTS 2813 LINUX/UNIX APACHE WEB SERVER ADMINISTRATION ..... 3 credits
Prerequisite: CTS 2322 or COP 2345 or permission of instructor. This course is designed to teach students the skills they need to effectively configure and maintain an Apache web server on a Linux/Unix server. Students will plan, implement, and perform support tasks related to providing Apache web server on their individual Linux/Unix server. Major topics covered include Hyper Text Transfer Protocol (HTTP), Apache web server software, virtual hosting, Common Gateway Interface (CGI), Practical Extraction and Reporting Language (PERL), Java, security for Apache Web server, Secure Socket Layer (SSL), and Apache logging. 47 contact hours.

CTS 2820 BUILDING COM+ WINDOWS COMPONENTS USING VISUAL STUDIO.NET ..... 3 credits
Prerequisite or co-requisite: COP 2839. This course provides students with the skills to build scalable distributed applications using Microsoft Visual Studio.NET Enterprise Services. Students will become familiar with COM+ applications including transactional services and message queue services. Students will become familiar with enterprise services architecture and learn to create Just-in-Time activated and synchronized components. Transactional components, message queues and queued components will be created, debugged and deployed. 47 contact hours.

CTS 2821 XML WEB SERVICES AND ADO.NET ..... 3 credits
Prerequisite: COP 2839. This course will provide the student with knowledge and skills to build, deploy, locate and consume XML (Extensible Markup Language) Web Services and teach students the skills necessary to utilize ADO.NET in both data-centric applications and Web Services. 47 contact hours.

DAA 1100 MODERN DANCE I ..... 1 credit
This course includes elementary modern dance techniques and the basic elements of design and the fundamental factors related to movement. In addition to learning the basic principles of proper body alignment, balance and rhythm, an overview of the historical background of modern dance will be provided. No dance experience is necessary for the successful completion of the class. 32 contact hours. May be repeated for a total of 6 credits.

DAA 1200 BALLET I ..... 1 credit
This course is an introduction to techniques at the barre using basic foot, arm and body positions. Basic center work is also included. 32 contact hours. May be repeated for a total of 6 credits.

DAA 1300 CONTEMPORARY BALLROOM DANCING ..... 1 credit
This course is designed for those seeking instruction in social ballroom, contemporary dancing. The course includes the following dances: Rumba, Fox Trot, Swing, Cha Cha, Waltz, Reggae, and Tango. 32 contact hours.

DAA 1304 COUNTRY DANCE ..... 1 credit
This course is designed to provide the student the opportunity to learn and practice contemporary country dance which includes Cotton Eye Joe, Line Dance, Circle Dance, Two Step. 32 contact hours.

DAA 1500 JAZZ DANCE I ..... 1 credit
This course is an introduction to the jazz style of dance in which the student coordinates movements with isolated parts of the body. In addition to learning the basic principles of proper body alignment, balance and syncopation, an overview of the history of jazz dance will be provided. No prior dance experience is necessary for the successful completion of the class. 32 contact hours. May be repeated for a total of 6 credits.

DAA 1680 DANCE REPERTORY I ..... 1 credit
This course enables students of dance to earn academic credit for their participation in a public dance presentation. Through intensive rehearsal and performance experiences the student will acquire skills in movement, human understanding, cooperation and self discipline. Minimum of 2 hours required during rehearsal periods. Additional hours may be required during production weeks. 32 contact hours. May be repeated for a total of 6 credits.

DAA 2101 MODERN DANCE II ..... 1 credit
Prerequisite: DAA 1100 with a grade of A or B or permission of instructor. A continuation of DAA 1100, this course is geared to-

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ward intermediate level combinations of movement which promote the understanding of modern dance theory and technique. 32 contact hours. May be repeated for a total of 6 credits.

DAA 2201 BALLET II ..... 1 credit
Prerequisite: DAA 1200 or permission of instructor. Continuation of DAA 1200, an intermediate course in classical ballet with emphasis on the balletic style. 62 contact hours. May be repeated for a total of 6 credits.

DAA 2501 JAZZ DANCE II ..... 1 credit
Prerequisite: DAA 1500 with a grade of A or B or permission of instructor. This course is a continuation of DAA 1500, geared toward intermediate level combinations of movement which promote the understanding of jazz dance theory and technique. 32 contact hours. May be repeated for a total of 6 credits.

DAA 2520 TAP DANCE I ..... 1 credit
An introduction to the basic techniques of tap dancing. Emphasis will be on development of rhythmical skills and application of mastered techniques through the student's performance and original choreography. 32 contact hours.

DAA 2681 DANCE REPERTORY II ..... 1 credit
This course enables students of dance to earn academic credit for their participation in a public dance presentation. Through intensive rehearsal and performance experiences the student will acquire skills in movement, human understanding, cooperation and self-discipline. Some touring experiences may be provided. Audition or permission of instructor required. Four hours per week is the minimum requirement during rehearsal times. Additional hours may be required during production weeks. May be repeated for a total of 6 credits.

DEH 1000 INTRODUCTION TO DENTAL HYGIENE ..... 2 credits
Prerequisite: Admission to the Dental Hygiene Program. Corequisites: DES1020, DES1020L. This course is designed to acquaint the student with the role as a dental hygienist and provide background information and knowledge necessary to function in subsequent clinical dental hygiene courses. 32 contact hours.

DEH 1003 DENTAL HYGIENE I ..... 2 credits
Prerequisites: DEH 1000, DES 1020, DES 1020L. Corequisite: DEH 1003L. This course is designed to provide the student with knowledge of the basic principles of instrumentation, instrument design, and fundamental skills necessary to perform in subsequent clinical dental hygiene courses. 32 contact hours.

DEH 1003L DENTAL HYGIENE I CLINIC ..... 4 credits
Prerequisites: DEH 1000 and DES 1020 and DES 1020L. Corequisite: DEH 1003. This course is designed to apply the basic principles of instrumentation, instrument design, and fundamental dental hygiene skills in a clinical setting; the method of instruction is competency-based and individually guided. Two four-hour clinics weekly. 120 contact hours.

DEH 1130 ORAL HISTOLOGY AND EMBRYOLOGY ..... 2 credits
Prerequisites: BSC 1086, BSC 1086L, DES 1020 and DES 1020L. This course is a comprehensive study of the specific tissues and cells comprising the anatomical parts of the oral cavity and an investigation of the embryonic development of these tissues and related facial and oral structures. 32 contact hours.

DEH 1710 BIOLOGICAL CHEMISTRY AND APPLIED NUTRITION ..... 2 credits
Prerequisites: BSC 1085, BSC 1085L, BSC 1086 and BSC 1086L. This course presents the biochemical aspects of nutrition and an overview of organic chemistry as applied to the practice of dentistry. Included are basic principles of nutrition, knowledge of the principle nutrients in foods and their utilization by the body. Emphasis will be placed on the practical aspects of nutritional counseling and the control of oral disease. Two hours weekly.

DEH 1800 DENTAL HYGIENE II ..... 1 credit
Prerequisites: DEH 1000, DEH 1003 and DEH 1003L. Corequisite: DEH 1800L. This course is designed to further the student's knowledge of dental hygiene practice including ultrasonic instrumentation, theory and technique of instrument sharpening, treatment planning, dental charting and patients with special needs. 17 contact hours.

DEH 1800L DENTAL HYGIENE II CLINIC ..... 6 credits
Prerequisites: DEH 1003 and DEH 1003L. Corequisite: DEH 1800. This course will provide clinical experience in total patient care. Emphasis will be placed on instrumentation, radiographic techniques, patient education, and treatment planning. Twelve hours clinic weekly.

DEH 2300 DENTAL PHARMACOLOGY ..... 1 credit
Prerequisite: DEH1800. This course will provide students the basic concepts in general pharmacology including drug classifications, interactions, indications and contraindications. A survey of drugs commonly encountered in the dental office with a special emphasis given to drug actions affecting dental treatment procedures. 32 contact hours.

DEH 2400 GENERAL AND ORAL PATHOLOGY ..... 2 credits
Prerequisites: DES 1020, DES 1020L. Corequisite: DEH 2804L. This course provides principles of general pathology in relationship to the diseases of the teeth, soft tissues, supporting structures of the oral cavity, and peri-oral tissues. The importance of recognition of normal and abnormal conditions in the head and neck by the dental hygienist is emphasized. 32 contact hours.

DEH 2602 PERIODONTICS ..... 2 credits
Prerequisites: MCB 2010, MCB 2010L, DEH 1130, DES 1020 and DES 1020L. Corequisites: DEH 1800, DEH 1800L, MCB 2010 and MCB 2010L. This course is a comprehensive study of the etiology, assessment, classification, and treatment of periodontal diseases, and the maintenance of the periodontal patient. The dental hygienist's role in the assessment and treatment modalities will be emphasized. 32 contact hours.

DEH 2701 COMMUNITY DENTAL HEALTH ..... 2 credits
Prerequisite: DEH 1800. This course is an introduction to the study of attitudes, skills and behaviors necessary to promote dental health and prevent dental disease through organized community-based programs. Students will be responsible developing a preventive oral health program using assessment, planning, implementation and evaluation procedures. 32 contact hours.

DEH 2702C COMMUNITY DENTAL HEALTH PRACTICUM ..... 1 credit
Prerequisites: DEH 2701. This practicum provides the student with the opportunity to apply the principles of public and community dental health. Project implementation and evaluation will be included. 32 contact hours.

DEH 2802 DENTAL HYGIENE III ..... 1 credit
Prerequisites: DEH 1800 and DEH 1800L. This course is designed to expand student's knowledge of dental hygiene practice including sealants, curettage, special needs patients, expanding functions and various adjunctive services. 32 contact hours.

DEH 2802L DENTAL HYGIENE III CLINIC ..... 5 credits
Prerequisites: DEH 1800 and DEH 1800L. This course will provide ongoing clinical experience in total patient care. Instrumentation, radiographic skills, patient education and treatment planning will again be emphasized. 150 clinical contact hours.

DEH 2804L DENTAL HYGIENE IV CLINIC ..... 6 credits
Prerequisite: DEH 2802L. This course will provide ongoing experience in total patient care. Treatment parameters will be increased to include gingival curettage and expanded functions as well as patients with special needs. Twelve clinic/contact hours weekly. 180 contact hours.

DEH 2806L DENTAL HYGIENE V CLINIC ..... 7 credits
Prerequisite: DEH 2804L. This course will enable the student to incorporate all the techniques and treatment modalities previously acquired. Emphasis will be placed on quality improvement, speed and professional decision making in rendering dental hygiene services. Fourteen clinic hours weekly.

DEH 2812 DENTAL HYGIENE IV ..... 2 credits
Prerequisites: DEH 2802. Corequisite: DEH 2806L. This course is designed to provide knowledge of professional ethics and legal responsibilities, professional organizations, state dental practice acts and continuing education regulations and requirements. Dental office management will be introduced to provide dental hygiene students with the business and professional skills necessary to practice in an office and/or alternate practice setting. 32 contact hours.

DEH 2930 DENTAL HYGIENE TOPICS ..... 2 credits
Prerequisites: DEH 2804L or program director's approval. This course will review the content and topics for state and national licensure for dental hygiene. 32 contact hours.

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DEP 2004 DEVELOPMENTAL PSYCHOLOGY OF THE LIFE SPAN ..... 3 credits
Prerequisite: PSY 1012. This course is a study of human development from conception to death. Emphasis is on the ongoing changes which result from the interaction of inherited and environmental factors, and on the uniqueness of the individual. The course examines the ways in which age, gender, ethnicity and race affect development. This course has a substantial writing requirement. 47 contact hours.

DEP 2102 CHILD DEVELOPMENT ..... 3 credits
Prerequisite: PSY 1012. This course is an in-depth study of the development of children from conception through adolescence. It includes the major theories, research methodology, genetic and environmental influences, and stages and domains of development. Consideration is given to gender, cultural, and ethnic influences on development. This course has a substantial writing requirement. 47 contact hours.

DEP 2302 ADOLESCENT DEVELOPMENT ..... 3 credits
Prerequisite: PSY 1012. This course deals with the physiological, sociocultural, and intrapsychic factors which affect the growth and development of adolescent behavior. Varieties of descriptive data about adolescents are examined and various social issues are raised. The topic of social diversity is also incorporated as an integral part of this course. This course has a substantial writing requirement. 47 contact hours.

DES 1020 OROFACIAL ANATOMY ..... 2 credits
Prerequisite: Admission to the Dental Hygiene Program. Corequisites: DEH 1000 and DES 1020L. This course is the study of skeletal, oral, muscular, circulatory, nervous and glandular structures of the head, neck and oral cavity. Also included is the study of macroscopic anatomy and morphology of the hard and soft tissues of the oral cavity. 32 contact hours.

DES 1020L OROFACIAL ANATOMY LABORATORY ..... 1 credit
Prerequisite: Admission to the Dental Hygiene Program. Corequisites: DES 1020, DEH 1000. This course is designed to enable students to identify and reproduce the teeth and orofacial structures, including morphology of hard and soft tissues of the oral cavity, head and neck, and their surrounding structures. Experience with clinical examination of these structures is also included. 45 contact hours.

DES 1200 DENTAL RADIOGRAPHY ..... 2 credits
Prerequisites: DES 1020, DES 1020L and DEH 1000. Corequisite: DES 1200L. This course provides the fundamental background and theory for the safe and effective use of x-radiation as it relates to dentistry. It encompasses the history of x-rays, production and uses of radiation, dental radiographic film, exposure factors, interpretation of dental radiographs, and radiation hygiene. 32 contact hours.

DES 1200L DENTAL RADIOGRAPHY LABORATORY ..... 1 credit
Prerequisites: DES 1020, DES 1020L, DEH 1000. Corequisite: DES 1200. In this laboratory course, emphasis is placed on proficiency in exposing diagnostically acceptable dental radiographs. Laboratory sessions provide experience in the use of x-ray machines, various exposure projections and techniques, processing, mounting, interpreting and critiquing dental radiographs. 45 contact hours.

DES 2100 DENTAL MATERIALS ..... 2 credits
Prerequisites: DEH 1003 and DEH 1003L. Corequisite: DES 2100L. This course is a study of the chemical, physical and biological properties of materials used in dentistry, their manipulation and utilization. 32 contact hours.

DES 2100L DENTAL MATERIALS LABORATORY ..... 1 credit
Prerequisites: DEH 1003 and DEH 1003L. Corequisite: DES 2100. This course is a practical, hands-on approach to dental materials to enhance the students' understanding of the physical and chemical properties of the materials. 45 contact hours.

EAP 0200 BASIC LISTENING/SPEAKING ..... 3 credits
This course is offered to students with an appropriate score on the standardized placement test for ESL. The course develops the student's ability to comprehend spoken English at a normal rate of speech and to express themselves accurately in a variety of situations. Emphasis is on listening for content intonation and rhythm patterns, imitating native speakers of English, and choosing appropriate expressions to handle everyday social encounters. 62 contact hours. (NOTE: Credit received for EAP 0200 cannot be used toward graduation.)

EAP 0295 BASIC ENGLISH AS A SECOND LANGUAGE I ..... 9 credits
This course is offered to students with an appropriate score on the standardized placement test for ESL. This course is for non-native speakers of English and is the first of the five ESL courses in written English. It is designed to develop skills in vocabulary, reading, grammar, and writing. In this course, students develop writing skills in the context of guided discourse on personal topics with an emphasis on logical thought and mechanics, and they learn to control basic grammatical structures and statement/question patterns. They also develop the ability to comprehend written text appropriate to this level with emphasis on developing reading skills and vocabulary. A variety of American and cross-cultural topics are discussed. 167 contact hours. (NOTE: Credit for EAP 0295 cannot be used toward graduation.)

EAP 0300 INTERMEDIATE LISTENING/SPEAKING I ..... 3 credits
Prerequisite: EAP 0200 or an appropriate score on the standardized placement test for ESL. In this course students will further develop the ability to comprehend spoken English and to express themselves more accurately and fluently on a variety of social and academic topics. They develop speaking and listening skills necessary for participating in classroom discussions with an emphasis on clarification through rewording and asking questions. Emphasis is on active listening for discrete points and main ideas and summarizing. 62 contact hours. (NOTE: Credit received for EAP 0300 cannot be used toward graduation.)

EAP 0395 BASIC ENGLISH AS A SECOND LANGUAGE II ..... 9 credits
Prerequisite: EAP 0295 or appropriate score on the standardized placement test for ESL. This college preparatory course for non-native speakers of English is the second of the four ESL courses in written English. It is designed to develop skills in vocabulary, reading, grammar, and writing. A variety of American and cross-cultural topics are discussed. 167 contact hours. (NOTE: Credit for EAP 0395 cannot be used toward graduation.)

EAP 0400 INTERMEDIATE LISTENING/SPEAKING II ..... 3 credits
Prerequisite: EAP 0300 or an appropriate score on the standardized placement test for ESL. In this course students will continue to develop speaking and listening skills necessary for participation in classroom discussions with an introduction to oral presentation and critical listening skills. Emphasis is on active listening for discrete points and main ideas, note taking, summarizing, and giving prepared and extemporaneous speeches. 62 contact hours. (NOTE: Credit received for EAP 0400 cannot be used toward graduation.)

EAP 0495 INTERMEDIATE ENGLISH AS A SECOND LANGUAGE ..... 9 credits
Prerequisite: EAP 0395 or an appropriate score on the standardized placement test for ESL. The third of five ESL courses, this college preparatory course is designed to enhance basic skills in reading, writing, structure, and vocabulary building. Students develop the ability to write more sophisticated structured academic paragraphs in various rhetorical modes and execute other academic writing tasks. They continue to develop academic reading abilities, including texts on contemporary and literary topics with an emphasis on extensive reading and the enhancement of critical reading skills. They also develop the ability to use intermediate-level grammatical structures appropriate to classroom discussion, oral presentation and writing of more sophisticated academic paragraphs with an emphasis on increased accuracy. Group interaction, critical thinking skills, and appreciation of cultural differences in learning approaches are incorporated in instructional techniques. 167 contact hours. (NOTE: Credit for EAP 0495 cannot be used toward graduation.)

EAP 1500 ADVANCED LISTENING/SPEAKING ..... 3 credits
Prerequisite: EAP 0400 or an appropriate score on the standardized placement test for ESL. Students enhance their aural comprehension skills in both academic and social settings by listening to taped lectures and news broadcasts, radio and television shows, and guest speakers. They develop communication, organization and pronunciation skills necessary for effective academic presentation and discussion with an introduction to lecture note taking. Emphasis is also placed on accent reduction as students focus on sound discrimination and oral production of English.

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Oral communication skills are further developed as students practice interviewing, summarizing, giving presentations and take part in group problem-solving activities. 62 contact hours.*

EAP 1595 ADVANCED ENGLISH AS A SECOND LANGUAGE I ..... 9 credits

Prerequisite: EAP 0495 or an appropriate score on the standardized placement test for ESL. The fourth of five ESL courses, the college preparatory course is designed to enhance advanced skills in reading, writing, structure, and vocabulary building. Students develop the ability to write basic, structured academic essays with an emphasis on accuracy and cohesiveness and execute other academic writing tasks. They develop the ability to comprehend lengthier texts on diverse academic topics by applying appropriate reading strategies, and they develop the ability to use complex grammatical structures appropriate to effective academic presentations, discussions and essays. Group interaction, critical think skills, and appreciation of cultural differences in learning approaches are incorporated in instructional techniques. 167 contact hours.

EAP 1695 ADVANCED ENGLISH AS A SECOND LANGUAGE II ..... 9 credits

Prerequisite: EAP 1595 or an appropriate score on the standardized placement test for ESL. As the last course in English as a Second Language, this component is designed to increase and refine skills in reading speed, comprehension and retention; in writing organization, fluency, clarity and style; and in understanding and applying advanced grammatical concepts to enhance both comprehension and expression in English. Group interaction, critical thinking skills and appreciation of cultural differences in learning approaches are incorporated in instructional techniques. 167 contact hours.*

EAP 1696L ESL LABORATORY ..... 1 credit

Corequisite: ENC 1101. This course is a learning support laboratory for ESL students who have successfully completed EAP 1695 Advanced English as a Second Language with a letter grade of C or who have permission of the Program Director. The laboratory will assist students in identifying and correcting specific weaknesses in English language skills and composing skills. With individualized tutorial instruction, students will revise essays written for the co-requisite course. Additional learning activities will be assigned as needed for review and reinforcement and must be completed satisfactorily. 32 contact hours.

*NOTE: Only these 2 courses count as credits in GPA and graduation.

ECO 2000 INTRODUCTION TO ECONOMICS ..... 3 credits

This course is designed to provide students with a general knowledge of the structure and function of economic systems with major emphasis on the American economy and its current economic problems. 47 contact hours.

ECO 2013 "G" PRINCIPLES OF MACROECONOMICS ..... 3 credits

Prerequisites: (ENC 0020 and REA 0002) or EAP 1695 or appropriate score on the placement test. This is a course in economic principles involving the overall operation of the market economy. Particular attention will be given to the effects of aggregate demand and aggregate supply on the levels of output, employment, and prices. This course will also examine how the tools of fiscal and monetary policy may be used in dealing with macroeconomics problems such as unemployment, inflation and economic fluctuation. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both ECO 2013 and Honors Macroeconomics. Three hours weekly.

ECO 2013H "G" HONORS MACROECONOMICS ..... 3 credits

Prerequisites: MAC 1105, (ENC 0020 and REA 0002) or EAP 1695 or appropriate score on the placement test. Macroeconomic principles are used to analyze the operation of the market economy. The course will examine the effects of fiscal and monetary policies on aggregate demand and aggregate supply and consequently on the levels of output, employment, and prices. Emphasis will be placed on discussion of contemporary macroeconomic problems and issues. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both ECO 2013 and Honors Macroeconomics. 47 contact hours.

ECO 2023 "G" PRINCIPLES OF MICROECONOMICS ..... 3 credits

Prerequisites: ECO 2013 (MACRO) or special permission of the program director in exceptional cases, (REA 0002 and ENC 0020) or EAP 1695 or appropriate score on the placement test. This course is a study involving the theory of the business firm in the market economy. Major emphasis will be placed on the theory of price and output determination under different market situations. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both ECO 2023 and Honors Microeconomics. 47 contact hours.

ECO 2023H "G" HONORS MICROECONOMICS ..... 3 credits

Prerequisites: MAC 1105, (ENC 0020 and REA 0002) or EAP 1695 or appropriate score on the placement test. Microeconomic principles are used to analyze the operation of the market economy. The course will examine the theory of price and output determination under different market structures. Emphasis will be placed on discussion of contemporary microeconomic problems and issues. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both ECO 2023 and Honors Microeconomics. 47 contact hours.

ECS 2390 THE ECONOMY OF SPAIN ..... 3 credits

Prerequisite: Permission of program director. This course is an analysis of the Spanish economic system, covering its historical development in the public and private sectors, agriculture and industry and foreign trade relations. This course is offered as a part of the Semester Experience Abroad program in Seville, Spain. 47 contact hours.

EDF 1005 INTRODUCTION TO EDUCATION ..... 3 credits

This course is an introduction to the development and organization of the American educational system and profession. It examines historical, sociological, ethical and philosophical foundations of education. 47 contact hours, plus fifteen hours of field experience in an early childhood, elementary, middle, or secondary school setting is required.

EDG 1319 PROFESSIONAL TECHNIQUES FOR CHILDHOOD DEVELOPMENT ..... 1 credit

A series of modmester courses, each one on a topic of a specific concern to preschool personnel. Among the topics offered are: Making Teaching Aids, Working With Parents, Experiences for Two's, Preschool Environments, Planning and Scheduling, Basic Routines for Preschool, Preschool Nutrition, Current Trends in Early Childhood Education, Self Awareness for Teachers, Infant Development, Health and Safety, Understanding Violence in the Lives of Young Children, and others as developed. Counts as early childhood education credit with the Pinellas County License Board. Sixteen contact hours per topic per credit. A maximum of four credit hours per session. May be repeated for credit.

EDG 2701 TEACHING DIVERSE POPULATIONS ..... 3 credits

This course is designed to introduce prospective teachers to the issues involved in a multicultural approach for American educational systems. It reviews the significance of multicultural worldviews and examines changing demographic patterns which affect school populations, diverse perspectives which impact teaching and learning in educational systems, and effective instructional strategies for working with diverse student populations. 47 contact hours plus an additional 15 hours participation in a variety of multicultural experiences are required.

EDP 2002 EDUCATIONAL PSYCHOLOGY ..... 3 credits

Prerequisite: PSY 1012. This course focuses on the psychological bases of educational theory and practice, and includes studies of the developmental characteristics of children, principles of learning as applied to the classroom and the nature and significance of individual differences. This course has a substantial writing requirement. 47 contact hours.

EEC 1001 EARLY CHILDHOOD PLANNING AND MANAGEMENT ..... 3 credits

Prerequisite or corequisite: EEC 1603. This course is recommended for students and teacher aides considering teaching in a preschool setting. It is designed to give students practice in lesson planning, scheduling, and evaluating the activities of young children. Observations and practical experiences in managing the basic routines of a preschool program, working with parents, and exceptional children are required. The course counts as early childhood education credit with the Pinellas County License Board. 47 contact hours.

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EEC 1600 GUIDING THE YOUNG CHILD ..... 3 credits
This course is designed for parents and professionals who care for and work with young children. It examines the range of appropriate and acceptable behaviors, consistent limits, communication patterns and styles, and simple rules that clearly define behavioral guidelines employed to guide young children in a variety of settings. This course counts as early childhood education credit with the Pinellas County License Board. 47 contact hours.

EEC 1601 OBSERVING AND RECORDING EARLY CHILDHOOD BEHAVIOR ..... 1 credit
Pre- or corequisite: EEC 1603. This course is a survey of current early childhood program settings and child development observational techniques. The student will employ professional methods for observing and recording data in different childhood program settings and age group settings to include: 1) center based preschool programs, 2) center based infant/toddler programs, 3) family day care homes, 4) before and after school programs, 5) special needs programs, 6) home visitor programs and 7) center management. The student will obtain an overview of options for specialization areas while learning professional observational techniques. This course counts as early childhood education credit with the Pinellas County License Board. 17 contact hours.

EEC 1602 BEHAVIORAL OBSERVATION AND SCREENING IN CHILD CARE ..... 1 credit
This course teaches observation and screening principles and skills to providers in the early childhood care and education field. Course content will assist the student in appropriately determining developmental levels, the need for formal developmental assessments or the need to make referrals for early intervention programs and specialized services. This course meets the requirements for Training Mod V. 17 contact hours.

EEC 1603 EARLY CHILDHOOD DEVELOPMENT ..... 3 credits
Corequisite: EEC 1601. This course is the study of the physical, cognitive, and social-emotional developmental processes of children from conception to age eight. Emphasis is twofold: on understanding the sequential dynamics of growth, development, behavior and understanding the uniqueness of each child. This course will be accepted as early childhood education credit by the Pinellas County License Board. 47 contact hours.

EEC 2002 FOUNDATIONS OF CHILD CARE AND EDUCATION ADMINISTRATION ..... 3 credits
This course is designed to meet Florida educational requirements for the Foundational Level Child Care and Education Administrator Credential. The course content emphasizes the development of skills and a knowledge base for problem solving, planning, implementing and evaluating a quality child care and education program for child care administrators. 47 contact hours.

EEC 2300 DEVELOPING COGNITIVE ACTIVITIES FOR YOUNG CHILDREN ..... 3 credits
Prerequisites: EEC 1601 and EEC 1603. This course focuses on developing appropriate cognitive teaching and learning strategies for children from infancy to age eight. The student will examine methodological principles from the following curricula areas: mathematics, language arts, science, social studies, and health. This course will be accepted as early childhood education credit by the Pinellas County License Board. Three hours weekly.

EEC 2312 DEVELOPING CREATIVE ACTIVITIES FOR YOUNG CHILDREN ..... 3 credits
Pre- or corequisites: EEC 1601 and EEC 1603. This course focuses on developing appropriate creative teaching/learning strategies for children from infancy to age eight. The student will examine creative teaching/learning strategies from the following curricula areas: art, music/movement, language arts and sociodramatic play. This course will be accepted as early childhood education credit by the Pinellas County License Board. 47 contact hours.

EEC 2500 CHILD DEVELOPMENT OVERVIEW (MOD IV) .... 1 credit
The focus of this course is to give the student a basic knowledge of developmental stages, behavior management, age appropriate activities and communication with parents as related to childcare. This course covers a portion of the material in the state-mandated 20-clock hour training developed by Children and Family Services (CFS Mod IV) as well as additional college-level assignments and evaluations. 17 contact hours.

EEC 2521 CHILD CARE REGULATIONS (MODS I & II) ..... 1 credit
The focus of this course is Florida child care laws, Children and Family Services (CFS) standards and local licensing requirements which build the framework for providing a safe and healthy environment for children in day care. This course covers Mods I and II of the material in the state-mandated 20-clock hour training as well as additional college-level assignments and evaluations. 17 contact hours.

EEC 2523 LEADERSHIP AND MANAGEMENT OF CHILD CARE PROGRAMS ..... 3 credits
This course is designed to meet the State of Florida's requirements for one of four required college courses child care directors/administrators must take to earn an Advanced Level Child Care and Education Administrator Credential. Course design emphasizes the development of administrators' skills and knowledge related to organizational leadership and management. Course content includes staff development, evaluation, and retention; personnel policies and relationships; leadership, ethics, professionalism; and organizational structure and dynamics. 47 contact hours.

EEC 2733 IDENTIFYING AND PREVENTING CHILD ABUSE (MOD III) ..... 1 credit
The focus of this course is on the roles and responsibilities of the child care worker in the identification and reporting of suspected child abuse or neglect. This course covers a portion of the material in the state-mandated 20-clock hour training developed by Children and Family Services (CFS Mod III) as well as additional college-level assignments and evaluations. 17 contact hours.

EEC 2907 EARLY CHILDHOOD EDUCATION TEACHER TRAINING ..... 4 credits
Prerequisites: EEC 1603, EEC 2300, EEC 2312, LAE 2000. This course is a practicum experience course in a preschool setting. Emphasis is upon student interaction with young children under the supervision of the classroom teacher. Counts as early childhood education credit with the Pinellas County License Board. A minimum of 60 hours is required.

EEC 2943 INSERVICE TRAINING: CHILD DEVELOPMENT FOR CDA ..... 3 credits
Prerequisite: EEC 1603. This is a course designed for teachers in the early childhood profession which aids in achieving the required competencies for the Child Development Associate Certificate. Approximately 2 hours per week on campus classwork and 70 hours "on-the-job" work required. May be repeated for credit.

EET 1015 DIRECT CURRENT CIRCUIT ANALYSIS ..... 3 credits
Prerequisite: MAT 1033, or appropriate score on the placement test, or permission of the instructor. This course will cover the direct current (DC) characteristics of electric and magnetic circuits, using Ohm's and Kirchhoff's laws, with the use of related theorems, including Thevenin, Norton, superposition, nodal and mesh equations, for solving DC circuits. 47 contact hours.

EET 1015L DIRECT CURRENT CIRCUIT LABORATORY ..... 1 credit
Pre- or corequisite: EET 1015. This course will cover the measurement and analysis of direct current (DC) circuits, using resistance, inductance, and capacitance. The areas of coverage also include the verification of the related network theorems, including Thevenin, Norton, superposition, nodal and mesh analysis. 45 contact hours.

EET 1025 ALTERNATING CURRENT CIRCUIT ANALYSIS ..... 3 credits
Prerequisite: EET 1015, MAC 1105, or appropriate score on the SPC Placement test, or permission of the instructor. This course will cover the alternating current (AC) characteristics of electric circuits, using single or multiple sinusoidal voltage and current sources. The course content includes resistance, inductance, and capacitance components used in combination circuit configurations for analyzing current and voltage behavior. Topics include two port networks, three phase power systems, series and parallel resonance, complex harmonic waveforms, high frequency modeling, and power transformers. 47 contact hours.

EET 1025L ALTERNATING CURRENT CIRCUIT LABORATORY ..... 1 credit
Pre- or corequisite: EET 1025. This course will cover the measurement and analysis of alternating current (AC) circuits, using

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resonance, impedance, phase angle, power factor, and mutual inductance. The areas of coverage also include tuned circuits, transformer characteristics, and complex signal analysis to related circuits. 45 contact hours.

EET 1084 INTRODUCTION TO ELECTRONICS ..... 3 credits
This course provides an introduction to the basic fundamentals, terminology, and applications used in the electronics industry. The topic coverage will include circuit theory principles, electronic components, transistor usage, amplifiers, power supplies, digital logic techniques, and electronic instruments. 47 contact hours.

EET 1205C ELECTRONIC INSTRUMENTATION ..... 1 credit
This course introduces the student to the basic measurement techniques employing electronic test equipment. The topics covered will include the principle of operation and usage of digital multimeters, function generators, pulse generators, frequency counters, oscilloscopes, and logic analyzers. 32 contact hours.

EET 2140 SOLID STATE ELECTRONICS ..... 3 credits
Corequisite: EET 2140L. This course is a study of the characteristics in which active semiconductor devices are operated in their linear ranges. The areas of coverage include semiconductor diodes, bipolar junction transistors, field effect transistors, load lines and biasing, small signal analysis, hybrid parameters, amplifiers, complementary symmetry. Darlington Pair, decibels, Bode plots, and feedback. 47 contact hours.

EET 2140L SOLID STATE LABORATORY ..... 1 credit
Corequisite: EET 2140. This course provides the student with the experience of correlating theoretical calculations with the actual design and testing of circuits. The areas of coverage for this laboratory include junction characteristics, transistor biasing and stability, common emitter amplifier design, measurement of hybrids, negative feedback, complementary symmetry and frequency response. 47 contact hours.

EET 2155 LINEAR INTEGRATED CIRCUITS ..... 3 credits
Prerequisite: EET 2140. This course covers the fundamentals and applications of linear integrated circuits and operational amplifiers. The course coverage includes inverting and non-inverting amplifiers, comparators, signal generators, differential and instrumentation amplifiers, operational amplifier specifications, active filters, modulator-demodulator integrated circuits, timers, analog to digital converters (ADC), and digital to analog converters (DAC). 47 contact hours.

EET 2155L LINEAR CIRCUITS LABORATORY ..... 1 credit
Corequisite: EET 2155. This course involves the characteristics and specifications of operational amplifiers and integrated circuits. The laboratory coverage includes the design and application of circuits using basic operational amplifier circuits, comparators, active filters, instrumentation amplifiers, analog to digital (ADC), and digital to analog converters (DAC). 47 contact hours.

EET 2322 WIRELESS COMMUNICATIONS FUNDAMENTALS ..... 3 credits
This course covers the fundamentals in wireless communications covering the principles and techniques of signal types, analog modulation, digital modulation, spread-spectrum communication, frequency-hopping, direct-sequence, telephone networks including wireless systems, transmission lines and waveguides, radio propagation, cellular concepts, and antenna systems. 47 contact hours.

EET 2323 WIRELESS SYSTEMS ..... 3 credits
This course examines the specific systems in wireless including the principles of transmitters and receivers, analog and digital cellular telephone systems, personal communication systems, satellites for wireless communication, paging systems, wireless data communication techniques, and emerging wireless technologies. 47 contact hours.

EET 2324 ELECTRONIC COMMUNICATIONS ..... 3 credits
Prerequisites: EET 2140, EET 2155. This course provides an introduction to all relevant aspects of electronic communications systems including the coverage of noise, radio frequency (RF) amplifiers, oscillators, amplitude modulation (AM), frequency modulation (FM), single-sideband (SSB), transmission lines, wave propagation, and antennas. 47 contact hours.

EET 2355 DIGITAL COMMUNICATIONS ..... 3 credits
Prerequisites: CET 2114, EET 2324. This course provides a foundation in the areas of digital communications. The areas of coverage include coding techniques, basics of network communications, radar, microwaves, laser communications, and fiber optic systems. Three hours weekly.

EET 2915L RESEARCH PROJECTS LABORATORY ..... 1 credit
Prerequisites: EET 2140 and EET 2140L. This course is about developing a suitable electronics project in order to become familiar with the engineering design process. This involves the necessary research of literature, design, fabrication, assembly, and testing of the project. The completion of this project requires the writing of a complete technical report and an oral presentation of the results. 47 contact hours.

EEX 2010 INTRODUCTION TO EXCEPTIONAL EDUCATION ..... 3 credits
This course provides a survey of the challenges inherent to educating children and adults with special needs. It is also intended to help prospective teachers understand and be sensitive to the circumstances faced by exceptional learners and their families. Etiology, characteristics, identification, and adaptive teaching methods will be presented for individuals with: learning disabilities, brain injuries, communication disorders, behavioral/emotional disorders, hearing loss, mental impairment, visual impairments, and multiple/severe disabilities. The special needs of gifted and talented students will also be covered. Three contact hours weekly plus fifteen hours of participation/observation in special education settings are required.

EGS 2122C GEOMETRIC DIMENSIONING AND TOLERANCING ..... 3 credits
This course provides the fundamentals of geometric dimensioning and tolerancing (GD & T) as based on The American Society of Mechanical Engineers standard ASME Y14.5M-1994. The coverage of topics includes geometric tolerancing symbols and terms, the rules of geometric dimensioning and tolerancing, datums, material condition symbols, tolerances of form, profile, orientation and runout, and location tolerances. 62 contact hours.

EHD 1000 INTRODUCTION TO DEAF CULTURE ..... 3 credits
This course is an introduction and orientation to the educational, communicative, social, vocational, psychological and legal aspects of deafness. The course will deal with the impact of deafness on the individual and the family, as well as social patterns of the deaf community. In addition, it will describe historical and changing attitudes toward the culture of deaf persons and other groups of handicapped persons. 47 contact hours.

EHD 1400 FUNDAMENTALS OF INTERPRETING ..... 2 credits
Prerequisites: SPA 1614, SPA 1614L, SPA 1617, EHD 1941. Corequisite: EHD 1400L. This course is an overview of the profession of interpreting, its standards and settings. It covers basic understanding of the Registry of Interpreters for the Deaf (RID) Code of Ethics which governs the standards of the interpreting profession and how to apply these principles to a variety of interpreting situations as well as other central issues related to the interpreting profession. 32 contact hours.

EHD 1400L FUNDAMENTALS LAB ..... 2 credits
Prerequisites: SPA 1614, SPA 1614L, SPA 1617, EHD 1941. Corequisite: EHD 1400. This course provides extensive hands-on practice to develop interpreting and transliterating skills. It includes extensive video and audio practice with different modes and sign codes. 62 contact hours.

EHD 1401 INTERPRETING SPECIALIZED TOPICS ..... 3 credits
Prerequisites: SPA 1614, SPA 1614L, SPA 1617, EHD 1941. This course will focus on the development of vocabulary and sign equivalents in specialized settings: medical, mental health, technical, religious, educational, theatrical; and other settings as deemed appropriate by the instructor; idiomatic and multi-meaning ASL/English words will be studied. 47 contact hours.

EHD 1402 ISSUES IN EDUCATIONAL INTERPRETING ..... 2 credits
Prerequisites: EHD 1400, EHD 1400L, EHD 1401, EHD 1406. This course explores the role of the interpreter in the educational setting. Issues related to institutional policies, potential role conflicts, interpreter/faculty collaboration, and support service provision will be emphasized. 32 contact hours.

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EHD 1403 INTERACTIVE INTERPRETING ..... 2 credits
Prerequisites: EHD 1400, EHD 1400L, EHD 1401, EHD 1406. This course will focus on cognitive, linguistic and motor skill development in interactive interpreting; sign to voice and voice to sign skill mastery. Situations will simulate experiences encountered in one on one and interview settings; small group dynamics. Emphasis will be on simultaneous interpreting; consecutive style will also be included. Focus activities include audio/video and live model demonstrations; out of class observations of certified/qualified interpreters in different settings. 32 contact hours.

EHD 1404 INTERPRETING/TRANSLITERATING ..... 4 credits
Prerequisites: EHD 1400, EHD 1400L, EHD 1401, EHD 1406. A continuation of EHD 1400 and EHD 1400L. This course reinforces skill development and the principles of interpreting from the source language of English to the target language of American Sign Language; and the principles of transliterating from the source language of English to the target language of signed codes of English. Activities will be reinforced through drill, practice, and role play demonstration, video and audio taped activities. The student will learn the techniques of self-assessment through videotaped assessment and class discussion/analysis. 62 contact hours.

EHD 1406 VOICING I ..... 3 credits
Prerequisites: SPA 1614, SPA 1614L, SPA 1617, and EHD 1941. This course focuses on the development of primary voicing skills in interpreting for the deaf. Limited emphasis is given to interpreting from American Sign Language to spoken English. Voicing from signed English to spoken English and varying modalities are the focus of this course. 47 contact hours.

EHD 1407 VOICING II ..... 3 credits
Prerequisites: EHD 1402, EHD 1403, EHD 1404. The course focuses on the development of more advanced voicing skills in interpreting for the deaf. Special emphasis is given to interpreting from American Sign Language to spoken English as the focus of this course. 47 contact hours.

EHD 1941 INTERPRETING PRACTICUM ..... 3 credits
Prerequisites: SPA 1613, SPA 1613L, SPA 1626, EHD 1000. This course provides the intermediate to advanced interpreting student with an opportunity to observe the interpreting process in various professional work situations. Students will schedule a series of individual and group observations, and discuss their practicum experiences during class. Guest speakers will also be a part of class activities. 47 contact hours.

EHD 1942 INTERPRETING INTERNSHIP ..... 4 credits
Prerequisites: EHD 1402, EHD 1403, EHD 1404. This course provides the advanced level interpreting student with an opportunity to participate at the entry level of the interpreting process in a variety of settings, with supervision. Students will schedule regular hours with affiliate agencies and, according to their level of interpreting skill, assist agency staff in normal duties. Supervision, observation, and evaluation will be provided by agency interpreting staff and interpreting instructors. 240 contact hours.

EME 2040 INTRODUCTION TO EDUCATIONAL TECHNOLOGY ..... 3 credits
This is a survey course designed to introduce teachers to the use of microcomputer technology, telecommunications, educational software, software evaluation, instructional applications and ethical, legal and social issues dealing with the use of technology in education. 47 contact hours.

EME 2310 INSTRUCTIONAL MEDIA DEVELOPMENT ..... 3 credits
Prerequisite: GRA 2731 or permission of instructor. This course will focus on integrating technology into curriculum, learners and how they learn, the role of the teacher, and the role digital media can play in the classroom. The student will create multimedia projects to be incorporated into content areas such as math, art, science, and second language learning. Our approach will encourage various ways of investigating and knowing. The computer will be used to record data, organize observations, find information, develop models, document, write, draw, create communicate and thereby learn about other people and ourselves. The course will also focus on ways of using multimedia to support students' questions, ideas, and understanding. The class will evaluate and critique software keeping in mind educational philosophy and pedagogy that respects teachers and students. Each participant will develop an integrated curriculum project in which multimedia supports and extends possibilities for learning. 47 contact hours.

EME 2419 SURVEY OF PRESENTATION AND DIGITAL MEDIA TOOLS IN EDUCATION ..... 3 credits
Prerequisite: GRA 2731 or permission of instructor. This course explores various digital media tools, authoring software and emerging technologies relevant to classroom instruction and presentation. This course will utilize technology as a vehicle for developing, monitoring, and presenting instruction while keeping in mind the challenges of educating an increasingly diverse population. The emphasis of the course is not only on the understanding of digital tools, but on being able to create an educational application in the student's field of interest or specialization. This course will also explore various contemporary and emerging technologies such as distance education, tools, courseware, DVD, 3-D, Virtual Environments, and Artificial Intelligence and determine how these developments will shape learning environments in the future. 47 contact hours.

EMS 1059C EMERGENCY MEDICAL SERVICES FIRST RESPONDER ..... 3 credits
This survey course based on the National Highway Traffic Safety Administration curriculum for first responders at scenes of accident and/or illness is designed to prepare the student for emergency care of a victim, providing the skills and knowledge of care prior to the arrival of the Emergency Medical Technician/Paramedic. Recognition of symptoms and signs of impending danger to the patient's life and the accepted treatment modes for the conditions will be taught as well as techniques for extrication (light duty) of the accident victim. 47 contact hours.

EMS 1119 FUNDAMENTALS OF EMERGENCY MEDICAL CARE ..... 4 credits
Prerequisites: Satisfactory SPC Placement Examination Score and "Professional" CPR card. Corequisites: EMS 1119L and EMS 1411. An introduction to the knowledge, skills, and attitudes required in emergency medical care situations. Included is information concerning basic structure and function of body systems and recent state of the art procedures required of the emergency medical technician. 80 contact hours.

EMS 1119L FUNDAMENTALS OF EMERGENCY MEDICAL CARE LABORATORY ..... 2 credits
Prerequisites: Satisfactory SPC Placement Examination Scores and "Professional" CPR card. Corequisites: EMS 1119 and EMS 1411. Laboratory practice in emergency procedures for life-threatening disease, accident, or illness are closely supervised to foster confidence in the student's abilities to apply theory. Techniques for patient assessment, evaluation and treatment are practiced in an assessment-based format in a laboratory setting. 64 contact hours.

EMS 1411 FUNDAMENTALS OF EMERGENCY MEDICAL CARE CLINICAL EXPERIENCE ..... 2 credits
Prerequisites: Satisfactory SPC Placement Examination Scores and "Professional Rescuer or Health Care Provider" CPR card. Corequisites: EMS 1119 and EMS 1119L. The student will be assigned to contract agencies for patient care experience with hospital agencies for emergency department experience under the direct supervision of hospital personnel. The course is designed as a clinical component where the individual gains an appreciation of emergency and non-emergency patient care in relationship to the knowledge and practical skills learned in the classroom. 96 contact hours.

EMS 1421 EMT FIELD INTERNSHIP ..... 3 credits
Prerequisites: EMS 1119, EMS 1119L, EMS 1411. The student will be assigned to contract agencies for patient care experience with fire-rescue and ambulance units under the direct supervision of State of Florida certified EMTs and Paramedics. The course is designed as a competency-based field component where the individual gains emergency and non-emergency insight into the mechanics of assisting the ill or injured patient in the out-of-hospital environment. 140 contact hours.

EMS 2331 EMERGENCY CARE IN-FLIGHT ..... 3 credits
Prerequisite: Paramedic, registered nurse, respiratory therapist or other advanced professional medical license or graduate standing. The student will learn the effects of altitudinal change on the human body in health, illness and injury; and the use of normal and emergency equipment during air transport in the care of a

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patient. The student will become acquainted with types of air transport used for ambulance purposes and the laws governing them. Three hours weekly.

EMS 2551 ADVANCED CARDIAC LIFE SUPPORT ..... 1 credit
Prerequisites: Current CPR card for Health care provider/professional rescuer, required by the first day of class and certification/licensure as a Paramedic, R.N., M.D., D.O., Dentist, or Physician's Assistant. Also open to SPC EMS and Respiratory Care students. This course is designed to provide instruction and skills testing of specific therapies for various adult cardiac emergencies. It includes strenuous skills such as lifting and carrying techniques in simulated patient care situations. 17 contact hours.

EMS 2601 PARAMEDIC THEORY I ..... 5 credits
Prerequisites: BSC 1085, BSC 1085L and EMT Graduate Standing or Certificate. Corequisites: EMS 2601L, EMS 2664, BSC 1086, BSC 1086L, and HSC 1149C. This course is an in-depth study of the U.S. Department of Transportation, EMT Paramedic: National Standard Curriculum which includes aspects of the prehospital environment which focuses on paramedic roles and responsibilities, EMS systems, medical and legal considerations, rescue, major incident response, hazardous materials and stress management, medical terminology, general patient assessment and management, airway and ventilation assessment, shock and fluid resuscitation, pathophysiology and general pharmacology, aspects of advanced training on prehospital trauma and burn management, the respiratory system which includes disease pathophysiology and respiratory arrest management. 80 contact hours.

EMS 2601L PARAMEDIC LABORATORY I ..... 3 credits
Prerequisites: BSC 1085, BSC 1085L and EMT Graduate Standing or Certificate. Corequisites: EMS 2601, EMS 2664 and HSC 1149C. This laboratory course is an in-depth study of the U.S. Department of Transportation, EMT-Paramedic: National Standard Curriculum, which covers "hands-on" skills, related to EMS 2601. 96 contact hours.

EMS 2602 PARAMEDIC THEORY II ..... 8 credits
Prerequisites: EMS 2601, EMS 2601L, EMS 2664. Corequisites: EMS 2602L and EMS 2665. This course is an in-depth study of the U.S. Department of Transportation, EMT-Paramedic: National Standard Curriculum, which includes aspects of prehospital medical emergencies related to the cardiovascular systems, disease pathophysiology, cardiac arrest management, the nervous system, anaphylaxis, toxicology, endocrine emergencies, infectious disease, HIV/AIDS training, obstetrical, gynecological, neonatal assessment and management, geriatrics, pediatrics, special patients and behavioral emergencies. 128 contact hours.

EMS 2602L PARAMEDIC LABORATORY II ..... 4 credits
Prerequisites: EMS 2601, EMS 2601L and EMS 2664. Corequisites: EMS 2602 and EMS 2665. This laboratory course is an in-depth study of the U.S. Department of Transportation, EMT-Paramedic: National Standard Curriculum which covers "hands-on" skills related to EMS 2602. 128 contact hours.

EMS 2659 PARAMEDIC FIELD INTERNSHIP ..... 7 credits
Prerequisite: Completion of all paramedic program courses and EMS program director approval. This course involves the field clinical application of skills related to paramedic medicine. Course emphasis gives the student, under direct paramedic supervision, the opportunity to integrate knowledge and skill to direct application of patient care. 336 contact hours.

EMS 2664 PARAMEDIC CLINICAL I ..... 3 credits
Corequisites: EMS 2601 and EMS 2601L. This course involves the hospital and field clinical application of skills related to paramedic theory and application presented in EMS 2601 and EMS 2601L. 144 contact hours.

EMS 2665 PARAMEDIC CLINICAL II ..... 3 credits
Corequisites: EMS 2602 and EMS 2602L. This course involves the hospital and field clinical application of skills related to paramedic theory and application presented in EMS 2602 and EMS 2602L. 144 contact hours.

EMS 2931 PARAMEDIC SEMINAR ..... 6 credits
Prerequisite: Current certification as a Florida paramedic required, and graduation from an Emergency Medical Services (EMS) program accredited by the Committee on Accreditation of Emergency Medical Services Programs(CoAEMSP)/Committee on Accreditation of Allied Health Education Programs (CAAHEP). Current CardioPulmonary Resuscitation (CPR) and Advanced Cardiac Life Support (ACLS) certification required. Program director approval required. Those students not possessing current Basic Trauma Life Support (BTLS) – Advanced Provider or equivalent Prehospital Trauma Life Support and Pediatric Life Support (PALS) must complete these courses through St. Petersburg College's EMS Open Campus before registering for this capstone course to be eligible for course completion and graduation. This course has group discussion and skills instruction on the changing role of the professional paramedic and this course will update the certified paramedic on the latest National Standard Curriculum for the EMT-Paramedic. Special in-depth study and assignments will be required to demonstrate competence in the latest National Standard Curriculum requirements. May be taken twice for a total of 12 credits. 92 contact hours.

College Preparatory Credits (0000 designations) may not be used toward graduation credits.

ENC 0009 DEVELOPMENTAL ENGLISH FOR THE DEAF ..... 4 credits
(For Deaf Students Only) This course is designed to prepare hearing-impaired students to better express ideas in writing and discussion. The course will use an interrelated approach to English language learning with emphasis on logical thinking and organized thoughts. The course provides experience in composing clear sentences, improving grammatical skills, and writing for a specific purpose. Provides basic instruction in paragraph composition. Individual conferences are provided. Five class and laboratory hours weekly.

ENC 0010 BASIC WRITING I ..... 4 credits
This is a college preparatory course designed to develop skills in grammar, usage, mechanics, sentence structure, and vocabulary by means of practice in sentence construction and paragraph development. It is intended to prepare students for successful completion of other college preparatory and college-level courses in writing. Five class and laboratory hours weekly. (Note: ENC 0010 may not be taken concurrently with ENC 0020 or ENC 1101 or ENC 1121H.) 77 contact hours.

ENC 0019 DEVELOPMENTAL ENGLISH II ..... 4 credits
(For Deaf Students Only) Prerequisite: ENC 0009 for the deaf or appropriate score on the SPC placement test. This course is designed to improve writing skills of hearing impaired students. Emphasis is placed on student's ability to write clear paragraphs with adequate development, effective organization, and a sense of audience. It provides experience in strengthening skills in composing sentences and improving grammar and provides beginning instruction in speaking before a group. Individual conferences are provided. Five class and laboratory hours weekly.

ENC 0020 BASIC WRITING II ..... 4 credits
Prerequisite: ENC 0010 or appropriate score on the SPC placement test. This is a college preparatory course designed to improve basic writing skills in grammar, usage, spelling, capitalization, punctuation, sentence structure, and vocabulary by means of practice in paragraphs and short essays. It is intended to prepare students for successful completion of college-level writing courses in English. 77 contact hours.

ENC 1101 "G" COMPOSITION I ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or appropriate score on the Writing SPC placement test. This course is designed to develop composition skills. It emphasizes the development of the multi-paragraph essay and including practice in information retrieval from electronic and other sources, the selection, restriction, organization, and development of topics. It also offers the student opportunities to improve abilities with sentence structure, diction, and mechanics. Selected writing samples are examined as models of form and as sources of ideas for the student's own writing. Conferences provide individual instruction. Sections of computer-assisted and individualized instruction are offered. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both ENC 1101 and ENC 1121H. 47 contact hours.

ENC 1102 "G" COMPOSITION II ..... 3 credits
Prerequisite: (ENC 1101 or ENC 1121H) and (REA 0002 or EAP 1695) or (appropriate scores on the English and Reading SPC placement test.) This course builds upon the skills developed in ENC 1101. It provides further instruction in the planning,

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organization, and writing of essays. It stresses methods of library research including information retrieval from electronic sources, and emphasizes writing of the research paper and the paper of literary interpretation. The reading includes selections from at least two forms of literature. Conferences provide individualized instruction. Sections of individualized instruction are offered. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both ENC 1102 and ENC 1122H. 47 contact hours.

ENC 1121H HONORS COMPOSITION I ..... 3 credits
"G"
Prerequisite: An SAT score of 1180 or ACT score of 26, or a score of at least 94 on the English and Reading portions of the Computerized Placement Test, or in top 5% of high school graduating class with a cumulative GPA of at least 3.65 on a 4.0 scale, or at least a 3.4 GPA with at least 12 credits of college course work, or a member of Phi Theta Kappa, or recommendation by a counselor or instructor familiar with the student's academic work. This is a course designed to develop the expository writing skills of academically talented students so they can write effectively. It emphasizes prewriting techniques, organizational techniques, and essay writing techniques. Conferences are provided for individualized instruction. This course partially satisfies the SBE 6A-10.30 writing requirements as outlined in the General Education Requirements. Credit is only given for one of the following: ENC 1121H, ENC 1101 or IDS 1101H. 47 contact hours.

ENC 1122H HONORS COMPOSITION II ..... 3 credits
"G"
Prerequisite: (ENC 1101 or ENC 1121H or IDS 1101H) and (REA 0002 or EAP 1695) or an SAT score of 1180 or ACT score of 26, or a score of at least 94 on the English and Reading portions of the Computerized Placement Test, or in top 5% of high school graduating class with a cumulative GPA of at least 3.65 on a 4.0 scale, or at least a 3.4 GPA with at least 12 credits of college course work, or a member of Phi Theta Kappa, or recommendation by a counselor or instructor familiar with the student's academic work. This course builds upon the skills developed in Honors Composition I. It provides the academically talented student further opportunity to learn to write effectively. It emphasizes writing papers of literary interpretation, using the library, finding and evaluating primary and secondary source material, and employing that material in formally documented research papers. Conferences for individualized instruction are provided. Enrollment by invitation only. This course partially satisfies the writing requirements as outlined in the General Education Requirements. Credit is only given for one of the following: ENC 1122H, ENC 1102 and IDS 1102H. 47 contact hours.

ENC 2210 TECHNICAL WRITING ..... 3 credits
Prerequisite: ENC 1101 or ENC 1121H. This course is offered for students desiring experience in various types of technical writing, such as process reports, investigative reports, feasibility studies, instructions, memoranda, and letters. Concentration is on practice in analyzing and developing reports, in collecting and organizing data, and in preparing the formal and informal report. This course has value in the fields of business administration, military, engineering, health, hospitality, law enforcement, architecture, building construction, and science. Assignments are related to the individual interest of the student. This course has a substantial writing requirement. 47 contact hours.

ENG 2103 WORLD CINEMA ..... 3 credits
Prerequisite: ENG 2112. This is a survey course designed to introduce students to the cinematic arts of countries from around the world. Emphasis will be given to the works of some of the acknowledged masters of foreign cinema—Renoir (France), Rossellini and Antonioni (Italy), Bergman (Sweden), Kurosawa (Japan)—as well as more recent directors—Jane Campion (Australia), Zhang Yimou (China)—stressing the spiritual, intellectual and moral issues that unite humankind despite differences in time, place and language and culture. This course has a substantial writing requirement. 47 contact hours.

ENG 2112 INTRODUCTION TO MOTION PICTURES ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or appropriate score on the SPC placement test. This course is a general survey of motion pictures emphasizing the synthesis of the dramatic, narrative, artistic, and technical components of the medium. This course has a substantial writing requirement. 47 contact hours.

ENL 2012 BRITISH LITERATURE I (To 1800) ..... 3 credits
"G"
Prerequisite: (ENC 1101 or ENC 1121H) and (REA 0002 or EAP 1695) or appropriate score on the SPC placement test. A humanistic study of British literature from Anglo-Saxon times through the 18th Century. Representative selections from each period are studied for interpretation, background, artistic qualities, and ethical meaning, with emphasis on human values and application to life. This course also stresses methods of library research and emphasizes writing of the research paper and the paper of literary interpretation. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

ENL 2022 BRITISH LITERATURE II (Since 1800) ..... 3 credits
"G"
Prerequisite: (ENC 1101 or ENC 1121H) and (REA 0002 or EAP 1695) or appropriate score on the SPC placement test. A study of British literature of the 19th and 20th centuries from the same approach as that of British Literature I. This course also stresses methods of library research and emphasizes writing of the research paper and the paper of literary interpretation. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. ENL 2012 is not necessarily a prerequisite to this course. 47 contact hours.

ETD 1320C AUTOCAD I ..... 3 credits
This course is about using the major features of AutoCAD to make graphic displays including basic geometric figures, orthographic views of three-dimensional objects, and pictorial drawings of three-dimensional objects. The major topics include the AutoCAD drawing, utility, file handling, text, editing, dimensioning, and plotting features. 77 contact hours.

ETD 1325 AUTOCAD APPLICATIONS I ..... 1 credit
This is a beginning level course introducing CAD terminology, microcomputer based CAD hardware and software, data storage, and the use of AutoCAD. The student will learn to use the AutoCAD software package and the basics of creating, editing, printing and saving drawing files. 16 contact hours.

ETD 1326 AUTOCAD APPLICATIONS II ..... 1 credit
A continuation of ETD 1325 (AutoCAD Applications I), this course is designed to introduce the student to the more advanced abilities of AutoCAD. Included in this class is a study of BLOCKS, Layers, dimensioning, crosshatching and patterns, plus an introduction to manipulating AutoCAD entities. 16 contact hours.

ETD 1350C AUTOCAD II ..... 3 credits
Prerequisite: ETD 1320 or equivalent. This course is a continuation of AutoCAD I. The student will learn the basic features of AutoCAD not covered in AutoCAD I, plus advanced topics in AutoCAD. The major topics include plotting by various methods, use of the rotation option to draw auxiliary views, extended work with hatching, extended work with blocks and wblocks, dimensioning, use of attributes, library files, polylines, solids, three dimensional drawings, system variables, and customizing of AutoCAD. 77 contact hours.

ETD 1355C AUTOCAD III ..... 3 credits
AutoCAD III is a continuation of AutoCAD I and AutoCAD II. The primary goals of the course are the construction, viewing and plotting of three-dimensional drawings of objects. The major topics involve the construction of three-dimensional drawings by the use of various AutoCAD three-dimensional drawing facilities including (1) prismatic-object construction, (2) preconfigured primitive objects, (3) three-dimensional coordinates, and (4) three-dimensional surface entities. Five hours weekly.

ETD 1360C AUTOCAD IV: ADVANCED SOLID MODELING ..... 3 credits
Prerequisite: ETD 1355C or permission of instructor. This is a continuation of ETD 1355C, using advanced techniques of AutoCAD software. Topics include the use of AutoCAD 2000 and advanced solid modeling drawing tools and an introduction to internet information brought into AutoCAD to construct 3-D drawings. 77 contact hours.

ETD 2359C INTRODUCTION TO SOLIDWORKS ..... 3 credits
This course is an introduction to the new designing techniques and capabilities of solid modeling using the SolidWorks software. Topics include the integration of advance parametric solid modeling drawing tools into SolidWorks. 77 contact hours.

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ETD 2365C MECHANICAL DESKTOP WITH INVENTOR ..... 3 credits
Prerequisite: ETD1355C or permission of instructor. This course is a continuation of solid modeling using the designing techniques of Mechanical Desktop software. Topics include the integration of AutoCAD with the advanced solid modeling drawing tools into Mechanical Desktop. This course also introduces Inventor software with its designing techniques used with Mechanical Desktop. 77 contact hours.

ETI 1154C METHODS OF INSPECTION AND MEASUREMENT ..... 3 credits
This course covers general inspection, including the application of standard measurement tools and equipment, methods used in testing, and industry guidelines. Topics include inspection and variation, standards for measurement, measurement basics, measurement assurance, and calibration. 62 contact hours.

ETI 1421 MANUFACTURING PROCESSES AND MATERIALS I ..... 3 credits
This course provides coverage of the characteristics, fundamentals, and manufacturing properties of materials, including metal alloys, polymers, ceramics, and composites. The metal-casting processes and the shaping and forming processes are also covered along with the machines needed for manufacturing. 47 contact hours.

ETI 1422 MANUFACTURING PROCESSES AND MATERIALS II ..... 3 credits
Prerequisite: ETI 1421. This course is a continuation of the characteristics, fundamentals, and manufacturing properties to include the cutting tool materials, machining processes, finishing operations, nanofabrication techniques, and the joining processes. The material removal processes along with the machines needed for those processes are also covered. 47 contact hours.

ETI 1482C INTRODUCTION TO INTEGRATED MANUFACTURING ..... 3 credits
A study of the manufacturing environment, the integrated manufacturing strategies, the manufacturing-related functions, the economics of integrated manufacturing, and the implementation of computer-integrated manufacturing (CIM). Three hours weekly.

ETI 1622 CONCEPTS OF LEAN AND SIX-SIGMA ..... 3 credits
This course provides an introduction to the basic principles and theories of lean manufacturing. Lean manufacturing involves identifying and eliminating non-value-adding activities in design, production, and supply chain management. The coverage includes topics related to cost reduction, work-free manufacturing, continuous flow, Kaizen, the 5S's, value stream mapping, modular manufacturing, and overall equipment effectiveness (OEE). 47 contact hours.

ETI 1636 DEVELOPING AND COACHING SELF-DIRECTED WORK TEAMS ..... 3 credits
This course begins with an exploration of teams and how they work. Manufacturing teams create the opportunity to mix complementary technical work skills to improve the production process. The coverage includes the principles and tools used by self-directed teams in identifying and solving problems in the workforce. 47 contact hours.

ETI 1644 PRODUCTION AND INVENTORY CONTROL ..... 3 credits
This course covers the fundamentals of production and inventory systems including: production planning, forecasting, scheduling, inventory control, MRP systems, and JIT system. Three hours weekly.

ETI 1688C NETWORK CABLING FUNDAMENTALS ..... 3 credits
This course provides an introduction to telecommunications and network cabling concepts and includes hands-on projects involving the standards and codes necessary for cable installation for copper and fiber optics. Coverage also covers cable types and topologies, designing and installing telecommunications rooms, and the use of test instruments including network analyzers. 47 contact hours.

ETI 1700 INDUSTRIAL SAFETY ..... 1 credit
This course is a study of job related safety. Topics include OSHA compliance, safety standards, and code enforcement. 16 contact hours.

ETI 2100 INTRODUCTION TO QUALITY ASSURANCE ..... 3 credits
This course defines the role of quality in an industrial environment. Topics include the use of quality management techniques and quality philosophies, process development, techniques used for evaluation, approaches used on continuous operations, methods used to control quality, and the International Organization for Standardization (ISO) series of standards. The responsibility of quality assurance during the engineering, manufacturing, and marketing of a product is also covered. 47 contact hours.

ETI 2121C NON-DESTRUCTIVE AND DESTRUCTIVE TESTING ..... 3 credits
This course covers the history, the advantages and disadvantages of non-destructive testing (NDT), the applications of NDT, and the new developments in nondestructive evaluation (NDE). Topics include detecting discontinuities in components during material processing, introduction to destructive testing, and the use of equipment, such as hardness testers and other testing equipment to perform the methods used in NDT. 62 contact hours.

ETI 2151C PROCESS METROLOGY ..... 4 credits
This course covers the principles, techniques, and devices of metrology as applied to the procedures and concepts of the quality process. The uses and applications of measurement with various types of instruments and measuring machines are also covered in the laboratory. 77 contact hours.

ETI 2153 QUALITY AUDITING ..... 3 credits
Prerequisite: ETI 2100 or MAN 1043 or program director approval. The principles and techniques for assessing the adequacy of a quality system are presented in this course. Coverage includes evaluating the quality system as it conforms to standards, review of standard audit terms and audit types, and methods for conducting and reporting audits. 47 contact hours.

ETI 2185 RELIABILITY AND FAILURE ANALYSIS ..... 3 credits
Prerequisite: STA 2023 or program director approval. This course introduces the basic concepts of modern reliability requirements applicable to the manufacturing processes and products including the statistical techniques for predicting and verifying product reliability. The coverage also includes failure modes, effect analysis, and criticality analysis. 47 contact hours.

ETI 2411 TOPICS IN MODERN MANUFACTURING I ..... 3 credits
This course provides the coverage of the modern and advanced manufacturing techniques related to lean manufacturing, just-in-time (JIT) manufacturing, 6-sigma, 5S manufacturing and the topics involved with total productive maintenance (TPM), teaming, work in process (WIP), total process yield, and manufacturing value. The student will also learn the general aspects of a factory floor, basic inspection techniques, lead-time activity, and optimum lot size. 47 contact hours.

ETI 2412 TOPICS IN MODERN MANUFACTURING II ..... 3 credits
This is the second course that covers modern and advanced manufacturing. The coverage includes topics related to manufacturing improvement, value stream mapping, statistical process control (SPC), International Organization for Standardization (ISO) 9000 techniques, continual improvement, and process capability. 47 contact hours.

ETI 2601 SIX-SIGMA FOR THE EXPERT ..... 3 credits
This course provides an introduction to the basic principles and theories of Six-Sigma as used in the continual improvement process. The course examines the tools most common to six-sigma projects and how and when to use them. The coverage focuses on measurement methods, data collection, data integrity, and graphical methods of presenting findings. 47 contact hours.

ETI 2623 THE LEAN ENTERPRISE FOR THE EXPERT ..... 3 credits
This course provides an overview of the Lean Manufacturing concepts with a working knowledge of the tools required to implement and maintain a Lean Manufacturing facility. Course coverage includes mistake proofing, the 5S's for operators, quick changeover, Overall Equipment Effectiveness (OEE), cellular manufacturing, and the kanban system. 47 contact hours.

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ETI 2718C INTRODUCTION TO CLEANROOM TECHNOLOGY ..... 2 credits

This course provides an introduction to the cleanroom technology and includes the basic procedures, management, and methods required for working in a cleanroom environment. 47 contact hours.

EUH 1000 "G" DEVELOPMENT OF WESTERN CIVILIZATION I ..... 3 credits

Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course covers the origins and development of western civilization beginning with the ancient world and classical civilizations, the Middle Ages, the transition to modern states and politics of power, the Protestant and Catholic Reformations, and the Commercial Revolution of the 16th Century. Emphases are on the relevance of the political, social, economic and cultural trends of each period upon our present world society. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements.47 contact hours.

EUH 1001 "G" DEVELOPMENT OF WESTERN CIVILIZATION II ..... 3 credits

Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course covers the evolution and continuation of western civilization since the 16th Century. A study of governments from absolutism to democracy, European power politics; duels for world empire; scientific, cultural, political, social and industrial revolutions; nationalism, imperialism, and global conflicts. Emphasis is placed on relevance of past history upon our present world society. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

EUH 2052 HISTORY OF SPAIN ..... 3 credits

This course is offered as a part of the Semester Experience Abroad program in Seville, Spain with permission of Program Director. This course examines Spain's historical development from prehistoric times to the present. Particular emphasis is placed on tracing the effects upon modern Spain of the major events in the nation's history, as well as the impact of historical phenomena such as the Renaissance, the Enlightenment the Napoleonic Wars, and industrialization. The last part of the course examines the Spanish Civil War, Francoism, and the country's subsequent re-emergence in the International community. 47 contact hours.

EVS 1001 INTRODUCTION TO ENVIRONMENTAL SCIENCE ..... 3 credits

Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, MAT 0024. This course, intended for non-science majors only, applies the basic principles of Ecology to relevant problems and topics related to man's environmental interaction with the earth. The course is designed to highlight current problems in modern society and to explore potential solutions exemplified by the presentation of specific case histories. 47 contact hours.

EVS 1635 INTRODUCTION TO ENVIRONMENTAL MANAGEMENT ..... 3 credits

This course is designed to introduce the major topics encountered in the field of environmental management and to provide the student with the tools and resources to explore subjects of interest in greater detail. The course introduces material from many areas of study (ecology, laws and environmental regulations, natural science, chemistry, hazardous material disposal, industrial hygiene, environmental health, radiation, etc.) so that the student will better appreciate the framework within which environmental management decisions are made. Three lecture hours weekly.

FFP 1000 FUNDAMENTALS OF FIRE PROTECTION ..... 3 credits

This course is a study of the phenomena and incidents of fire; the principles of fire prevention, suppression, and protection, and review of municipal fire protection ratings and components; survey of professional fire protection career opportunities; survey fire detection and suppression systems. 47 contact hours.

FFP 1109 FIRE DEPARTMENT OCCUPATIONAL SAFETY AND HEALTH ..... 3 credits

This course is a study of the guidelines for establishing an occupational safety and health program for a fire department, plus safety procedures for members involved in rescue, fire suppression, and related activities. Emphasis is placed on performance objectives, and not a single correct way to achieve compliance. The guidelines discussed in the course are flexible, so students can customize an occupational safety and health program that will meet their specific needs. 47 contact hours.

FFP 1111 FIRE CHEMISTRY ..... 3 credits

This course is a study of basic definitions of the chemical characteristics applicable to the chemistry of fire; it also discusses combustion, the principles of fire, heat measurement, heat transfer, and heat energy sources (sources of ignition). Emphasis is on emergency situations and the most favorable methods of handling fire fighting and control. 47 contact hours.

FFP 1140 FIRST RESPONDER FOR FIRE SERVICE ..... 3 credits

This course is a study of emergency medical care for firefighters in the skills necessary in order to begin assessing and caring for patients at the scene of injury or illness as a result of fires, accidents, or other emergencies. Topics include but are not limited to: CPR, major body components, legal aspects, vital signs, childbirth, shock, head injuries, poisoning, HIV/AIDS and other communicable diseases. 47 contact hours.

FFP 1505 FIRE PREVENTION ..... 3 credits

This course is a survey of the principles of fire prevention and investigation. It includes a study of fire hazards in various occupancies; a review of fire prevention codes; a study of procedures and techniques of fire prevention inspection, to include surveying and mapping, recognition and elimination of fire hazards, public relations, methods of determining the area of fire origin, fire cause, fire spread and location and preservation of evidence. 47 contact hours.

FFP 1531 DEVELOPING FIRE AND LIFE SAFETY STRATEGIES ..... 3 credits

This course examines the latest strategies for developing and promoting fire and life safety education programs in local communities. The course themes include fire prevention as an injury control issue; prevention education as a way to form strong community-based conditions which will stabilize prevention programs; and the requirements for dynamic fire department leadership to integrate these themes successfully. 47 contact hours.

FFP 1540 PRIVATE FIRE PROTECTION SYSTEMS I ..... 3 credits

This course is a survey of fire protection systems and domestic water supply. The operational feature and functional characteristics of fire detection and suppression systems and devices will be studied. 47 contact hours.

FFP 1780 COMPANY OFFICER ..... 3 credits

This course is a study of the basic concepts of fire company leadership, including the human skills, leadership tools, problem solving, and goal achievement of a company officer. Emphasis will be placed on the role of the officer in the setting of the fire company. 47 contact hours.

FFP 1823 TECHNICAL APPLICATIONS IN EMERGENCY MANAGEMENT ..... 3 credits

Prerequisite: The student must have met the computer/information literacy competency requirement. This course provides optional methods of managing both internal and external information. It explores information gathering, organization, and data systems. Topics include warning and communications systems, and crisis communications. It also provides a study of advanced applications of personal computers in emergency management including detailed analysis and application of current emergency management software. 47 contact hours.

FFP 1824 BASIC INCIDENT MANAGEMENT SYSTEM ..... 1 credit

This is a course of study of the principles and features of an Incident Command System (ICS), how an incident command system is organized, incident facilities and their purposes (such as but not limited to command post, staging area, bases, camps, and heliports-helispots), incident resources such as strike teams, task forces and single resources; and common responsibilities such as communications and forms in incident management. 16 contact hours.

FFP 1825 INTERMEDIATE INCIDENT MANAGEMENT SYSTEM ..... 1 credit

Prerequisite: FFP 1824. This is a continuation of the study of the Incident Command System (ICS), constructing an incident management organization for a given incident or event, including appropriate procedures for establishing command, transferring command, and terminating an incident, demonstrating knowledge

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of efficient incident resource management including logistics, finance, administration, and record-keeping, demonstrating a familiarity with air operations, and demonstrating knowledge of incident planning processes. 16 contact hours.

FFP 1830 INTRODUCTION TO HAZARDS ..... 3 credits
This course provides an in-depth study of the details and dynamics of natural and man-made hazards. This course includes methods and means to measure, monitor and predict the physical impact of hazards on society. 47 contact hours.

FFP 1832 EMERGENCY RESPONSE TO TERRORISM: BASIC CONCEPTS ..... 1 credit
This course of study is designed primarily for fire-rescue and EMS personnel, although other emergency responders can benefit from the course. A background in hazardous materials is helpful but not required. The course covers the history and categories of terrorism and terrorist organizations in the United States and abroad, self-protection measures to be taken at explosive and nuclear-biological-chemical (NBC) incidents, crime scene and perimeter control procedures, defensive tactical operations, and building an Incident Command organization for terrorism responses. 16 contact hours.

FFP 2120 BUILDING CONSTRUCTION FOR THE FIRE SERVICE ..... 3 credits
This course examines the various types and methods of building construction and their influence on fire travel and life safety. Fire resistance of building materials and problems inherent in new construction as well as existing buildings are examined closely. 47 contact hours.

FFP 2401 HAZARDOUS MATERIALS I ..... 3 credits
This course is a study of the chemical characteristics and reaction of materials in emergency situations, especially thermal destruction. These materials may be in the storage, handling or transportation stage of industrial process. Materials to be studied will be flammable liquids, combustible solids, radioactive compounds, oxidizing and corrosive materials. This course is required to become eligible to sit for the Florida State Fire Officer certification exam. 47 contact hours.

FFP 2402 HAZARDOUS MATERIALS II ..... 3 credits
Prerequisite: FFP 2401. This course is a study of hazardous materials toward making sound decisions in emergency situations, including a study of carbon molecules in explosive, combustible and toxic materials, and identification of hazardous materials through their physical/chemical properties according to their class, groups, and reactions. 47 contact hours.

FFP 2510 FIRE CODES AND STANDARDS ..... 3 credits
This course is a study of building and life safety codes in relation to types of occupancies, building design, fire resistance of building materials, fire problems inherent in structures and life safety considerations. A problem solving emphasis is used to provide opportunities for application of building and life safety code enforcement methods to prevent and correct building design problems. 47 contact hours.

FFP 2521 BLUEPRINT READING AND PLANS REVIEW ..... 3 credits
This course is a comprehensive study of building construction blueprints and plans. The course will teach the student how to assimilate information contained in construction working drawings, specifications, interpreting conventional graphic communications, and accepted standards and conventions related to fire protection and prevention inspections. 47 contact hours.

FFP 2541 PRIVATE FIRE PROTECTION SYSTEMS II ..... 3 credits
Prerequisite: FFP 1540. This is a survey of pre-engineered and portable systems, extinguishing agents, inspection procedures for code compliance and enforcement, and alarm systems. 47 contact hours.

FFP 2604 ARSON INVESTIGATION ..... 3 credits
Prerequisite: FFP 2630. The Bureau of Fire Standards and Training requires students in this course to be a certified Firefighter, Fire Inspector, or Law Enforcement Officer. This is a course of study in effective fire crime scene investigations including evidence preservation and collection of scene documentation. 47 contact hours.

FFP 2606 POST BLAST INVESTIGATIONS ..... 3 credits
Prerequisite: The Bureau of Fire Standards and Training requires that students in this course be certified as a Fire Investigator I. This is a course of study of arson crime scenes that involve explosions including laboratory procedures, chemical and physical components of explosive materials, and legal issues relative to bombings. 47 contact hours.

FFP 2610 FIRE CAUSE AND ORIGIN DETERMINATION ..... 3 credits
A study of an arson investigator's responsibility in determining the point of origin, cause and development of a fire; motives of fire setters; methods used to determine the accidental or intentional nature of a fire; correct procedures of investigation, evaluation of evidence and prosecution. 47 contact hours.

FFP 2630 LATENT INVESTIGATIONS ..... 3 credits
Prerequisite: The Bureau of Fire Standards and Training requires that students in this course be Certified Firefighters, Fire Inspectors, Fire Investigators, or Law Enforcement Officers. This is a course of study in fire death and injury investigations, review of chemistry of hazardous materials, sources of information, motive for arson, and various arson sets and devices. 47 contact hours.

FFP 2670 LEGAL ISSUES FOR INVESTIGATORS ..... 3 credits
Prerequisite: The Bureau of Fire Standards and Training requires students in this course to be certified as Fire Investigator I, Firefighter, or Fire Inspector or Law Enforcement Officer. This is a course of study of the state statues relating to arson, search and seizure guidelines, including case studies of Supreme Court rulings, Civil Court rulings and preparing an investigation case for trial, techniques for interviewing witnesses and suspects. 47 contact hours.

FFP 2706 FIRE SERVICE PUBLIC INFORMATION OFFICER ..... 3 credits
Prerequisite: Permission of program director. This course prepares the student to serve effectively as an organizational spokesperson, according to the current practices in the profession of public relations in relationship to the Fire Service. Particular emphasis will be placed on case studies in crisis communications and the role of the Public Information Officer (PIO) in the Incident Management System (IMS). 47 contact hours.

FFP 2740 FIRE SERVICE COURSE DELIVERY ..... 3 credits
This course is a study of the instructor's responsibility in idea communication, learning and teaching concepts, job analysis, teaching objectives and instructional aids use. This course is required to become eligible to sit for the Florida State Fire Officer certification exam. 47 contact hours.

FFP 2741 FIRE SERVICE COURSE DESIGN ..... 3 credits
This is a course of study of how to develop courses based on nationally applicable performance standards for uniformed fire service personnel and to provide the knowledge, skill, and ability to develop a training curriculum. 47 contact hours.

FFP 2781 FIRE ADMINISTRATION II ..... 3 credits
Prerequisite: FFP 1000. This course covers the principles of organization and administration in fire protection service; the structure and function of the department, battalion and company as components of municipal organization; duties and responsibilities of the fire officer; a study of fire personnel management, training, budgeting, records, reports, and other relations. 47 contact hours.

FFP 2800 EMERGENCY MANAGEMENT PUBLIC EDUCATION PROGRAMS ..... 3 credits
This course provides a study of the design, development and delivery of public disaster safety education and programs including: methods of identification of disaster safety programs; the selection of target programs and strategies to affect reduction; methods of designing and implementing information and education programs; methods of evaluating a program's impact. Studies include theoretical and practical skills training in individual, group and mass media communications, instructional skills, planning priorities, and evaluation techniques. 47 contact hours.

FFP 2801 FUNDAMENTALS OF EMERGENCY MANAGEMENT ..... 3 credits
This course provides a study of emergency management systems including the following: career opportunities; tasks and responsibilities of the emergency management program manager;

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emergency management function; role of the emergency manager in mitigation, preparedness, response, and recovery (short and long term). It also provides a study of past civil defense and current emergency management systems since its evolution from World War II. 47 contact hours.

FFP 2810 FIRE FIGHTING TACTICS AND STRATEGY I ..... 3 credits
This course is a study of the basic concepts involved in fire fighting, including the behavior, fire fighting fundamentals and principles of extinguishment; the proper role for a utilization of various fire companies and pre-planning fire problems. This course is required to become eligible to sit for the Florida State Fire Officer certification exam. 47 contact hours.

FFP 2811 FIRE FIGHTING TACTICS AND STRATEGY II ..... 3 credits
Prerequisite: FFP 2810. This course is a study of the principles utilized on the fire ground for maximum manpower and equipment utilization; fire ground administration starting with a small fire on up through major conflagrations. Emphasis will be on developing thinking skills in relation to crises. 47 contact hours.

FFP 2820 EMERGENCY PREPAREDNESS ..... 3 credits
This course provides a comprehensive study of all aspects of emergency preparedness related to natural and manmade disasters. Planning concepts and the planning process will be discussed; awareness and education programs and strategies will be reviewed; other essential preparedness action will be emphasized, e.g. training and exercises. 47 contact hours.

FFP 2821 INTEGRATED EMERGENCY MANAGEMENT PLANNING SYSTEMS II (IEMS II) ..... 3 credits
This course covers a broad range of planning topics, problems, and activities involved in developing a comprehensive yet flexible plan of response to major life, property, and environmental threatening emergencies and disasters at the state and local level. It also provides an overview of the managerial responsibilities and multi-dimensional skills necessary to properly coordinate and control a disaster situation. 47 contact hours.

FFP 2822 INTEGRATED EMERGENCY MANAGEMENT SYSTEMS I (IEMS I) ..... 3 credits
This course provides an overview of the history and philosophy of current emergency management systems; defines terms and employment concepts for the development of an emergency management program; it provides an introduction of emergency planning concepts necessary to develop an integrated, generic, and comprehensive emergency operation plan. 47 contact hours.

FFP 2831 HAZARD MITIGATION ..... 3 credits
This course provides the student specialized knowledge and skills necessary to develop programs that will reduce losses from future disasters, emergencies, and other extreme events caused by natural and man-made hazards. 47 contact hours.

FFP 2840 DISASTER RECOVERY OPERATIONS ..... 3 credits
This course provides the student specialized knowledge and skills necessary to develop programs and activities associated with providing disaster recovery assistance and mitigation actions that will reduce losses from future disasters. 47 contact hours.

FFP 2841 CONTINGENCY PLANNING FOR BUSINESS AND INDUSTRY ..... 3 credits
This course focuses on the contingency planning process for disaster preparedness in the corporate world. The student will develop a step-by-step approach to emergency planning, response and recovery for companies of all sizes. 47 contact hours.

FFP 2880 PUBLIC POLICY IN EMERGENCY MANAGEMENT ..... 3 credits
This course provides the student specialized knowledge and skills necessary to develop public policy related to emergency management, providing public policy leadership in the area of emergency management as part of the larger responsibility to protect the general welfare of the people. 47 contact hours.

FFP 2881 EMERGENCY MANAGEMENT LEADERSHIP AND ADMINISTRATION ..... 3 credits
This course provides the student knowledge and skills necessary for effective interpersonal relationships, including conflict management and the use of power and influence as they apply to emergency administration and leadership. The course also addresses the budget process and other related administrative duties of an emergency management program manager. 47 contact hours.

FIL 2100 MOTION PICTURE WRITING I ..... 3 credits
Prerequisite: ENC 1101 or ENC 1121H or IDS 1101H. This course is designed to teach the techniques of motion picture writing, proceeding from concept to film treatment to script (short or feature length), utilizing the five-part story structure. It is intended for students interested in understanding and writing film scripts. Emphasis is on classic film genres: psychological thriller, action adventure, detective, science fiction, romance, and film noir. 47 contact hours.

FIL 2110 MOTION PICTURE WRITING II ..... 3 credits
Prerequisite: FIL 2100. This course is designed to help students gain an in-depth knowledge of the techniques of motion picture writing and implement these techniques in original work of their own. Students will work on already existing story concepts, polish and/or revise story structure, dialogue, and action sequences, and complete a film screenplay. The course also offers students the opportunity to learn how to market their ideas and screenplays. This course has a substantial writing requirement. 47 contact hours.

FIN 1030 PRINCIPLES OF FINANCE ..... 3 credits
This course is a survey of public and private finance. Emphasis is placed on current problems of finance and the development of basic principles. The major topics of study include the monetary and credit systems of the United States, funds for capital markets, the supply of funds, and credit policies and problems. 47 contact hours.

FIN 1100 PERSONAL FINANCE ..... 3 credits
This course is a study of consumer buying practices, management of personal and family finances, spending income wisely, consideration of buying guides and consumer protection agencies. 47 contact hours.

FRE 1120 ELEMENTARY FRENCH I ..... 4 credits
This course will introduce the student to the four skills of the French language (listening, speaking, reading, and writing) and will teach the student to appreciate the cultures of Francophone countries. 62 contact hours.

FRE 1121 ELEMENTARY FRENCH II ..... 4 credits
Prerequisite: FRE 1120 or instructor approval. This course will reinforce and expand the basic French language skills previously acquired. The course further develops listening, speaking, reading and writing skills as well as an understanding and appreciation of the cultures of French-speaking peoples. 62 contact hours.

FRE 2200 INTERMEDIATE FRENCH I ..... 3 credits
Prerequisite: FRE 1121 or instructor approval. This course reviews and expands the French language skills previously acquired. The course content includes more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There will be additional growth in vocabulary for practical purposes, including writing. A variety of reading selections dealing with French culture and civilization will be introduced. 47 contact hours.47 contact hours.

FRE 2201 INTERMEDIATE FRENCH II ..... 3 credits
Prerequisite: FRE 2200 or instructor approval. This course reviews and expands the French language skills previously acquired. The content will include, but not be limited to, more advanced linguistic structures and idiomatic expressions, with an emphasis on conversational skills. There will be additional growth in vocabulary for practical purposes. A variety of writing exercises and reading selections concerning the history and culture of France and other Francophone countries will be included. 47 contact hours.

FSE 1000 INTRODUCTION TO FUNERAL SERVICES ..... 3 credits
Prerequisite: (ENC 0020 and REA 0002) or EAP 1695 or appropriate score on the SPC Placement Test. This course provides an orientation to the profession of funeral services. Topics include the historical role of funeral service from pre-Christian to modern times, functional role of the funeral service practitioner, sociology of funeral service, current and future trends, and funeral service organizations. Emphasis will be on the development of funeral service practices in the United States. 47 contact hours.

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FSE 1105 THANATOCHEMISTRY ..... 2 credits
Prerequisite: Admission to program or program director approval. This course is a survey of the basic principles of disinfection and preservation as they relate to embalming. Especially emphasized are the chemical principles involved in sanitation, disinfection, and embalming practice. The development and use of personal, professional, and community sanitation practices is addressed as well as use and precautions related to potentially harmful chemicals that are currently used in the field of funeral services. 32 contact hours.

FSE 1204 FUNERAL SERVICE COMPUTER APPLICATIONS ..... 1 credit
Prerequisite: CTS 1101 or by permission of the instructor. This course introduces students, through a hands-on approach, to the basic computer applications, which are part of the day to day operations of the funeral home. 32 contact hours.

FSE 2060 FUNERAL DIRECTING ..... 3 credits
Prerequisites: PHI 1603 or any Humanities/Fine Arts approved course. This course will examine the responsibilities of the funeral director from the first call until the last service rendered to the family. The course will cover various religions, fraternal, military, secular, and traditional funeral customs. The funeral director's role as a counselor is emphasized. 47 contact hours.

FSE 2061 THANATOLOGY ..... 3 credits
Prerequisite: (ENC 0020 and REA 0002) or EAP 1695, or appropriate score on the SPC placement test. This course emphasizes the psychological and sociological dynamics of death, dying, and bereavement and the funeral director's role in counseling families through the process. Students will study the symbolic and ritualistic aspects of memorialization and their impacts upon the emotional experience of the bereaved. A clear understanding of the grief process and its variations among individuals as influenced by psychological factors is addressed. The course also addresses the funeral director as a facilitating agent for effective mourning through personal interaction and the design and implementation of the funeral. 47 contact hours.

FSE 2080 FUNERAL LAW ..... 3 credits
Prerequisite: Program director approval. The course of study will include legal methods of disposition, legal responsibilities of the funeral practitioner, common and statutory laws, Florida laws regulating funeral practices and establishments, crematory and cemetery laws, and probate laws for estates. 47 contact hours.

FSE 2100 EMBALMING I ..... 3 credits
Prerequisite: BSC 1083. Corequisite: FSE 2101L. This course introduces the student to embalming through a study of the history, fundamentals, legal aspects, methods, terminology, sanitation, and preservation of human remains. 47 contact hours.

FSE 2101L EMBALMING CLINICAL I ..... 1 credit
Corequisite: FSE 2100. This course provides the student with learning activities, which will include selected experiences in the funeral home preparation room. Forty (40) hours of participation in the clinical setting are required to complete this course.

FSE 2120 RESTORATIVE ART ..... 3 credits
Prerequisite: FSE 2100 and FSE 2101L. Corequisite: FSE 2120L. This course is designed to provide the student with the theories applied in restorative art procedures. The student will study the anatomical structure of the cranial and facial areas of the human skull, facial proportions and markings, methods and techniques used to restore facial features destroyed by traumatic or pathological conditions, and color and cosmetology theory. 47 contact hours.

FSE 2120L RESTORATIVE ART LAB ..... 1 credit
Corequisite: FSE 2120. This course is a laboratory study of the anatomy of the human face with emphasis on developing the skills and procedures used in restorative art. 32 contact hours.

FSE 2140 EMBALMING II ..... 3 credits
Prerequisites: FSE 2100 and FSE 2101L. Corequisite: FSE 2141L. This course is a continuation of FSE 2100. Theories and principles of embalming, embalming chemicals, cavity treatments, and disaster management will be studied with an emphasis on application to specific cases. 47 contact hours.

FSE 2141L EMBALMING CLINICAL II ..... 1 credit
Prerequisites: FSE 2100, FSE 2101L. Corequisite: FSE 2140. This course provides the student with learning activities which will include selected experiences in the funeral home preparation room. Application of embalming principles to specific cases is emphasized. Forty (40) hours of participation in the clinical setting are required to complete this course.

FSE 2160 FUNERAL PATHOLOGY ..... 3 credits
Prerequisites: HSC 1524, FSE 2100. This course is designed to introduce the student to the study of the cause and effect of disease on the human body. Topics of study will include: coroner and medical examiner, terminology, and general and special pathology. Emphasis will be on tissue changes which affect the embalming process. 47 contact hours.

FSE 2201 FUNERAL HOME MANAGEMENT OPERATIONS ..... 3 credits
Prerequisite: FSE 2202. This course is designed to give the student an understanding of the principles of the operations of a funeral home. Topics of study will include merchandising, casket and vault construction, pre-need and at-need funeral arrangements, funeral services forms, death benefits, and vital statistics. Lecture and laboratory experience in funeral arrangements. 47 contact hours.

FSE 2202 FUNERAL HOME MANAGEMENT ..... 3 credits
Prerequisites: BUL 2241, ACG 2001. Corequisite or prerequisite: FSE 1000. This course is the study of the role and function of the funeral director as an effective manager. Emphasis is placed on small business management functions of planning, organizing, motivation, direction, and controlling in the funeral home setting. 47 contact hours.

FSE 2930 FUNERAL SERVICES PROFESSIONAL REVIEW ..... 1 credit
Pre- or corequisites: FSE 2060, FSE 2201, FSE 2140, FSE 2120, FSE 2080, FSE 2160 or program director's approval. This seminar type course will review all necessary procedures and requirements for state and national licensure as a Funeral Director and Embalmer. 17 contact hours.

FSE 2946 PROFESSIONAL PRACTICUM ..... 6 credits
Prerequisite: Program Director approval. This course provides experience in the funeral home, under direct supervision of a licensed funeral director/embalmer, applying knowledge of theories and practices of funeral service. The student will perform duties and services as assigned by the preceptor and instructor to include surveillance of, and participation in, execution of total services rendered to the family. Service reports are required to be completed by the student. Requires a minimum of 200 hours of funeral home supervised experience and 24 hours of on-campus review seminars.

FSS 2235C INTRODUCTORY FOOD PRODUCTION MANAGEMENT ..... 3 credits
This course is designed to provide students with fundamental knowledge and skill in basic and intermediate commercial food production management.. Included are basic principles and techniques of commercial food preparation, management of resources, use of commercial recipes, use and care of commercial equipment and evaluation of food products. The course includes safety and sanitation practices in commercial food operations. 120 contact hours.

GEA 2172 "G" GEOGRAPHY OF THE DEVELOPING WORLD ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or appropriate score on the SPC placement test. This course is a regional survey of the developing world, to include China, South Asia, the Indian Perimeter, the Middle East, Africa and Latin America. These emerging, poor, developing regions are studied in order to understand the forces shaping the world of tomorrow. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

GEA 2174 "G" GEOGRAPHY OF THE DEVELOPED WORLD ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or appropriate score on the SPC placement test. This course is a regional study of the former Soviet Union, including the Russian Federation, Japan, Europe, North America, Australia and New Zealand. These stable, wealthy, developed regions are studied in order to understand the counterforce to those who would shape the world of tomorrow. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

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GEB 1011 INTRODUCTION TO BUSINESS ..... 3 credits
This is a survey course which acquaints the student with the management, terminology, organization and control of large and small business, and to enable the student to more intelligently pursue advanced business courses and to choose a business career. 47 contact hours.

GEB 2350 SURVEY OF INTERNATIONAL BUSINESS ..... 3 credits
This is a basic course in international business designed to provide a global perspective on international trade including foreign investments, impact of financial markets, international marketing, and the operation of multinational corporations. 47 contact hours.

GEB 2935 SURVEY OF ELECTRONIC BUSINESS ..... 3 credits
Prerequisites: GEB 1011 and CGS 1100. This course introduces the student to a range of issues facing the business person engaging in electronic commerce. Topics include business opportunities in cyberspace; a discussion of the tools of electronic commerce; security issues; and legal and multicultural considerations. 47 contact hours.

GLY 1000 EARTH REVEALED ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002 and MAT 0024) or (EAP 1695 and MAT 0024), or (satisfactory scores on the SPC placement test.) This is a television course designed to introduce students to the field of physical geology. It is a survey of the geological wonders of the planet on which we live. This course to be offered via television only.

GLY 2010 PHYSICAL GEOLOGY ..... 3 credits
Prerequisites: (ENC 0020, REA 0002 and MAT 0024) or (EAP 1695 and MAT 0024.) This course emphasizes a study of minerals and rocks and their formation, geological processes, land forms and their interpretation, and the application of geological knowledge to human affairs. This course has a substantial writing requirement. 47 contact hours.

GLY 2010L PHYSICAL GEOLOGY LABORATORY ..... 1 credit
Corequisite: GLY 2010. This is a laboratory experience to accompany GLY 2010. The laboratory exercises emphasize a study of applications to the principles of physical geology. One three-hour laboratory weekly.

GLY 2100 HISTORY OF THE EARTH AND LIFE ..... 3 credits
Prerequisite: (ENC 0020, REA 0002) or EAP 1695, and MAT 0024. This course is a study of the geologic history of the earth, including concepts of the origin of the continents and the ocean basins, plate tectonics, the major physical events as recorded in the rocks of the continents and the evolutionary changes and processes in animals and plants through time. 47 contact hours.

GLY 2160 GEOLOGY OF OUR NATION'S PARKS ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, and MAT 0024, or appropriate scores on the SPC placement tests. Using fundamental geologic processes as a framework, this course will introduce the student to representative U.S. Parks. Topics covered will include rocks and minerals, erosional processes, geologic time, plate tectonics and the relationship between these geologic processes and the establishment of parks and monuments. An ancillary course objective is to make travel and scenery more interesting and enjoyable through an understanding of how earth features have been developed through time. 47 contact hours.

GRA 1104C TYPOGRAPHY ..... 3 credits
Prerequisites: GRA 2100C or permission of instructor. This course provides the student with information and hands-on experience using type as a design element. The course addresses techniques, applications and problem-solving strategies specific to typographic layout and design. An introduction to electronic typesetting and page layout will utilize software specific to the graphic design industry. 92 contact hours.

GRA 1330 HISTORY OF GRAPHIC DESIGN ..... 3 credits
This course is a chronological overview of the techniques of critical thinking and problem-solving as applied to graphic design communications beginning with the advent of the Industrial Revolution and continuing through to the 21st century. Specifically targeted for the graphic design student, this course contains a chronology of advertising, marketing, and mass media approaches in order to outline the process of visual strategies and campaigns. 47 contact hours.

GRA 2100C INTRODUCTION TO COMPUTER GRAPHICS ..... 1 credit
Prerequisite: CTS 1101 or by permission of the instructor. This course is a hands-on introduction to computer graphics software and hardware, technology concepts, and terminology applicable to artwork in the graphic design industry. 47 contact hours.

GRA 2111C GRAPHIC DESIGN SEMINAR ..... 3 credits
Prerequisites: ART 2253C, GRA 1104C and GRA 2151C. This course is an extension and synthesis of the basic concepts introduced in Design I and Drawing I as they apply to specific problems of Graphic Design. The process of problem solving by design, the visualization of solutions, and the correlation of form and content will be studied. The course also provides for the experience of designing with type as visual shape and iconography. Students will build on skills learned in prerequisite courses and will select appropriate traditional and/or technical media for visual problem solving. 92 contact hours.

GRA 2121 DIGITAL INTERFACE ..... 2 credits
Prerequisite: GRA 2158 or permission of instructor. This course explores screen and presentation construction for new media and the Internet. This course highlights the criteria considered when building for digital media presentations, including composition, type, legibility, color, and image usage. 32 contact hours.

GRA 2130 TECHNIQUES/APPLICATIONS FOR MULTIMEDIA DESIGN ..... 3 credits
Prerequisites: CGS 2525, GRA 2146 and CTS 1101 or permission of instructor. This course introduces the student to the essential software, tools, techniques and layout commonly used by multimedia designers. Students will integrate components of text, graphics, audio, video and animations into interactive presentations. Students will take a presentation idea from initial inception to finished product by using an instructional system design process. 47 contact hours.

GRA 2132 ADVANCED MULTIMEDIA/DIGITAL MEDIA USING DIRECTOR ..... 3 credits
Prerequisite: CGS 2525. This course builds upon the skills learned in CGS 2525 Introduction to Multimedia. Through the use of Lingo programming, students will learn to make Director movies more interactive. Students will learn different types of scripts, and will use these to provide for user input, control and analysis of data, and to create animation. Students will use Macromedia Director as a tool for creating multimedia presentations. Students will create and combine various components into presentations for a Web page on the Internet in Shockwave format, and an interactive presentation for distribution on a CD-ROM or DVD. Through various hands-on tasks, students will be introduced to the features and capabilities of the 3D World. 47 contact hours.

GRA 2146 MULTIMEDIA INTERFACE AND SCREEN DESIGN ..... 2 credits
Prerequisites: CTS 1101 and ART 1201C, or permission of instructor. This course is a screen and presentation design class. This course highlights the criteria considered when designing screens for multimedia presentations, including composition, type, legibility, color and image usage. 32 contact hours.

GRA 2148 DIGITAL MEDIA PORTFOLIO ..... 1 credit
Prerequisite: Permission of instructor. This course is designed to develop students' strategies for exploring and creating a dynamic digital portfolio for the Internet, DVD, and CD-ROM. The student will explore current tactics and practices used to display their best works and showcase projects completed throughout the Digital Media program. Students will research sites, create a storyboard and prototype, analyze the audience, determine the mood, create a site, and upload to a server. Students will also explore and implement various current techniques for electronic self-promotion. This is a capstone course designed to be taken the last semester of study. 17 contact hours.

GRA 2151C COMPUTER ILLUSTRATION ..... 3 credits
Prerequisite: GRA 2100C or permission of instructor. This is a computer-based course designed to develop the students' skills in computer illustration. Students will learn through the use of the computer how to create, select, manipulate and arrange graphic objects used in computer illustrations. Students will utilize layout techniques, modify and reshape text, manage files and prepare their work for print out-put and electronic presentation. 92 contact hours.

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GRA 2152 ELECTRONIC ILLUSTRATION ..... 3 credits
Prerequisites: ART 1300C, ART 1201C, and CTS 1101 or permission of instructor. This course is a foundation course in computer aided illustration. This course addresses techniques, applications, formats and concepts necessary to create illustrations to be used in print and multimedia presentations. Software uses by professional designers to create images for print and multimedia applications will be used in this class. 47 contact hours.

GRA 2158 DIGITAL GRAPHICS ..... 3 credits
Prerequisite: CTS 1101 or permission of instructor. This course is a foundation course in computer-aided graphics. This course addresses techniques, applications, formats and concepts necessary to build graphics to be used in digital media presentations. Software used by professional media developers to create images for digital media applications will be used in this class. 47 contact hours.

GRA 2160 BASIC ANIMATION ..... 2 credits
Prerequisite: CTS 1101 or permission of instructor. This course introduces students to the basic tools, techniques, and applications of animation. Students will learn to manipulate objects, build models, employ lighting, and design movement. Students will learn to use a basic computer animation program to produce animations. 32 contact hours.

GRA 2165 ADVANCED ANIMATION WITH MACROMEDIA FLASH ..... 3 credits
Prerequisite: GRA 2160. This course is designed to extend the knowledge gained in Basic Animation. Topics to be covered include advanced graphic design, advanced navigation, complex interactivity, scripting for animation, utilizing variables, processing data and an introduction to integrating projects with other applications. Students will be exposed to advanced topics in animation. Student knowledge in the application of the industry standard animation tool, Macromedia Flash, will be extended. 47 contact hours.

GRA 2201C DIGITAL PUBLISHING ..... 3 credits
Prerequisite: GRA 2100C and GRA 1104C or permission of instructor. This is a computer-based course designed to develop the students' skills in publication design. Students will learn through the use of the computer how to develop multiple page layouts, import text and digital images, file management, and output for production. 92 contact hours.

GRA 2203C PRE-PRESS PRODUCTION ..... 3 credits
Prerequisites: GRA 2111C and PGY 2801C or permission of instructor. This course is an introduction to art and copy preparation for printing reproduction. Course activities provide a hands-on experience with materials, techniques and application of both electronic and pre-press printing procedures. 92 contact hours.

GRA 2333C GRAPHICS TECHNIQUES AND APPLICATIONS ..... 3 credits
Prerequisite: ART 1300C and ART 2253C. Corequisite: GRA 1104C or permission of instructor. This course introduces the student to essential materials, tools, techniques, and applications commonly used by graphic designers and design professionals. This course will also introduce students to the technical application of layout marker techniques for graphic problem solving and visual presentations. 92 contact hours.

GRA 2412 LEGAL ISSUES IN MEDIA DEVELOPMENT ..... 2 credits
Prerequisite: CTS 1101 or instructor's permission. This course will explore the most important aspects of intellectual property law, particularly copyright law, and their relationships to multimedia production. The course will explore ethical issues relating to both content and distribution of such productions. 32 contact hours.

GRA 2710 SURVEY OF DIGITAL VIDEO ..... 3 credits
Prerequisite: CTS 1101 or permission of instructor. This course introduces the student to the foundational concepts of digital video. Topics to be covered include video basics, digital video (DV) technology, system configuration, the development process, editing, production, effects and presentation. A variety of digital video development tools will be explored. The course also delves into alternative applications of the technology behind the medium, and looks at the past and the future in the hopes of gleaning more insights into what is fast-becoming a major growth area of the worldwide entertainment industry. 47 contact hours.

GRA 2711 BASIC VIDEO CAMERA ..... 3 credits
Prerequisite: GRA 2710 or permission of instructor. This is a video production course designed to introduce the concepts of basic videography. Students will be exposed to different types of prosumer video cameras, composition styles, lighting techniques and safety concerns. Students will have the opportunity to learn hands-on, how to operate digital and analog television cameras. They will learn to combine all of these aspects of production into shooting professional videotape for edited video presentations. 47 contact hours.

GRA 2713 BASIC VIDEO EDITING ..... 3 credits
Prerequisite: GRA 2710 or permission of instructor. This course introduces the student to the basic working concepts of the art of editing through the use of a non-linear video editing system. Topics to be covered include: capturing both digital and analog video, organizing a new project, storing video clips, explaining the browser, viewer, canvas and timeline. Students will experience hands on instruction in the use of the above elements, which will result in the ability to log and capture, edit with straight cuts and simple effects, and output the final product to tape. Students will also be exposed to some of the more advanced features of an editing program including special effects, composing, text and titling. 47 contact hours.

GRA 2714 ADVANCED VIDEOGRAPHY ..... 3 credits
Prerequisite: Permission of instructor. This is a capstone course. This is a video production course designed to introduce the concepts of advanced videography. Students will be exposed to different types of pro-sumer video cameras, composition styles, lighting techniques and safety concerns. Professional video editing skills will also be taught. Special emphasis will be given to creating complicated video projects with fixed deadlines. Before course completion, students will be able to demonstrate an ability to organize, video tape, and edit complicated video productions for on-air or large presentation purposes. 47 contact hours.

GRA 2715 BASIC SCRIPTING FOR VIDEO ..... 3 credits
Prerequisite: GRA 2710 or permission of instructor. This course introduces the student to the basic concepts of writing for visual media. Topics to be covered include understanding different visual presentations, the stages of script development, developing creative concepts, differences between fictional and non-fictional narratives, writing for multiple formats and writing for nonlinear programs for digital media. 47 contact hours.

GRA 2727 STREAMING MEDIA ..... 3 credits
Prerequisite: GRA 2710, CGS 2871, COP 2823. This course will explore one of the newest Internet-based technologies, streaming media. Students will explore the basic concepts of streaming media development through the use of industry standard streaming software and hardware. Topics to be covered include streaming basics, capturing, encoding and presentation. 47 contact hours.

GRA 2731 DIGITAL MEDIA IN EDUCATION ..... 3 credits
Prerequisite: CGS 2525 and EDF 1005 or permission of instructor. This course will show how to use digital media in educational settings by combining learning theory and instructional strategies to teach software design for learning and instruction. Students will approach the study of digital media in education by exploring established methods such as tutorials, drills, simulations, games and computer-based tests. Behaviorist, cognitivist, and constructivist approaches will be analyzed and presented. 47 contact hours.

GRA 2732 MEDIA PLANNING ..... 2 credits
Prerequisite: CGS 2525. This course introduces the student to various components of pre-production planning as it relates to producing Digital Media projects. The student will explore and develop assorted components and apply skills to determine knowledge by writing and creating rudimentary pre-production plans. 32 contact hours.

GRA 2733 PLANNING AND MANAGEMENT OF DIGITAL MEDIA AUTHORING ..... 3 credits
Prerequisite: GRA 2732, GRA 2165, GRA 2132. This course identifies the production pipeline of a digital project's workflow. It identifies and synthesizes the skills learned in the prerequisite courses to step through the developmental process. Students will research and analyze clients' needs and goals, and apply the pre-production and production process to develop effective solutions. Stu-

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dents will build a production book, budget, and a production schedule after completing the production process of a digital media and/or web presentations that utilize layout, design, graphic, digital media, and typography techniques to solve specific project challenges. The course will emphasize the complete phase of the production pipeline by following an actual project from conception through production. 47 contact hours.

GRA 2951C PROFESSIONAL PRACTICES/ INTERNSHIP ..... 3 credits
Prerequisite: Permission of instructor. This course is designed to develop knowledge and skills essential to graphic artists and design professionals in the visual communications industry. The course will highlight industry professionalism, legal and business practices, standards and ethics, copyright laws as well as artists' rights. Students will examine the concept of entrepreneurship and skills needed to operate a small business effectively. Part of the course will involve student internship at a pre-approved location. 102 contact hours.

GRA 2952C GRAPHIC DESIGN PORTFOLIO ..... 3 credits
Prerequisite: Permission of instructor. This course is designed to develop students' strategies for portfolio presentations to employers and clients, using critical analysis, selection and visual expertise. Students will assemble and evaluate their work in order to develop professional graphic design, and/or photographic portfolios. Students will also learn to develop alternate visual strategies as they apply to portfolio requirements set by industry standards. 92 contact hours.

GRA 2998 DESIGN SEMINAR: MULTIMEDIA AUTHORING ..... 3 credits
Prerequisites: CGS 2525, GRA 2146 or permission of instructor. Multimedia Authoring extends and synthesizes the skills learned in prerequisite courses. Students will research and analyze clients' needs and goals, and apply the design process to develop effective solutions. Students will design and develop multimedia and web presentations that utilize layout, design, graphic, multimedia, and typography techniques to solve specific communication challenges. The course will emphasize the effective use of audio, video, and graphic elements to enhance web and computer-based presentations. 47

GRK 1120 ELEMENTARY MODERN GREEK I ..... 4 credits
This course introduces students to the four skills (listening, speaking, reading and writing) of Modern Greek and to the culture of Greece. 62 contact hours.

GRK 1121 ELEMENTARY MODERN GREEK II ..... 4 credits
Prerequisite: GRK 1120 or permission of instructor. This course reinforces previously acquired basic skills in Modern Greek. The course further develops listening, speaking, reading and writing skills, as well as an understanding and appreciation of the culture of Greece. 62 contact hours.

HFT 1000 INTRODUCTION TO THE HOSPITALITY AND TOURISM INDUSTRY ..... 3 credits
This course is an introduction to the many facets of the hotel-motel and food service industries. The course includes a study of the history, scope and innovations in the industry. The course includes guest lectures from the industry and visits to local hospitality establishments. Students will see the advantages of the hospitality and tourism industry as a career path. 47 contact hours.

HFT 1210 SUPERVISION IN THE HOSPITALITYINDUSTRY ..... 3 credits
This course provides training on the skills necessary for supervising employees and the interpersonal skills required between employers and employees. It discusses motivation, communication skills for effective leadership and managing conflict in the hospitality industry. 47 contact hours.

HFT 1300 HOUSEKEEPING OPERATIONS ..... 3 credits
This course presents a systematic approach to managing housekeeping operations in the hospitality industry. Emphasis is placed on the role of the housekeeping department and understanding the managerial skills necessary to efficiently operate this department. 47 contact hours.

HFT 1410 FRONT OFFICE PROCEDURES ..... 3 credits
This course is designed to acquaint the student with front office procedures. Topics include: hotel organizations; front office responsibilities; front office accounting; check-out settlement; night audit; planning and evaluating operations; and revenue management. 47 contact hours.

HFT 1500 MARKETING IN THE HOSPITALITYINDUSTRY ..... 3 credits
Prerequisite: HFT 1000. This course is designed to develop marketing understanding in the hospitality industry. Topics include: segmentation and the hospitality industry; positioning in line with consumer preferences; the channels of distribution; marketing in perspective; marketing research; sales; advertising; public relations; promotions; data base marketing; packaging; strategic hospitality marketing; individual guest behavior; guests of tomorrow; marketing data and information systems. 47 contact hours.

HFT 1941 OPERATIONS AND SERVICE PRACTICUM ..... 2-3 credits
This course enables students to enhance workplace skills through supervised practical experience. In addition the student must complete assignments including a session project. This course requires practical work experience or participation in a formalized internship program in an approved segment of the hospitality/restaurant industries. Faculty makes regular appraisals of the learning progress through on-site visitations and consultations with supervisors. Sixty industry work hours equals one credit hour. 120-180 contact hours.

HFT 2265 FOOD SERVICE OPERATIONS ..... 3 credits
Pre- or corequisites: HFT 2450. This course covers the basic principles of food service operations with topics including: menu development; dining service styles and procedures; beverage service styles and procedures; service equipment and supplies; facility layout, decor, cleaning and maintenance; casual/theme restaurants; banquets and catered events; room service; food service in related hospitality facilities such as academic, military and quick food. 47 contact hours.

HFT 2277 CLUB AND RESORT OPERATIONS ..... 2 credits
Prerequisites: HFT 1000, HFT 1941. This course provides an overview of club and resort operations. Club topics include: the club board and its general manager; service excellence in clubs; leadership in club operations; quality management systems; strategic management in clubs; marketing clubs; club financial management; club computer systems; golf operation in clubs; club fitness, aquatics and tennis operations. Resort topics include: major recreational activities; personnel organization and human relations; front-of-the-house management; plant and grounds maintenance; security and safety; risk management; the expectations of the resort guest and how the guest differs from a typical hotel guest. 32 contact hours.

HFT 2450 HOSPITALITY COST CONTROLS ..... 3 credits
Prerequisites: HFT 1000, HFT 1500, HFT 1941 or approval of instructor. This course is the study of cost controls for food and beverage operations, purchasing, receiving, storage, preparation and service. Emphasis is on controlling, analyzing costs, and using financial management techniques. 47 contact hours.

HFT 2600 HOSPITALITY LAW ..... 3 credits
This course is designed to acquaint students with the legal aspects of hotel, food and travel acquisition. The student will learn: historical legal definitions and the court system; the legal relationships of the innkeeper-guest; the legal obligations of a hotel to a guest; the "duty" owed guests by the owner; the liabilities and right of restaurateurs and beverage operators and emerging areas of concern. 47 contact hours.

HFT 2750 CONVENTION AND GROUP MANAGEMENT AND MARKETING ..... 3 credits
Prerequisites: (HFT 1000 and HFT 1500) and (HFT 1941 or permission of instructor). This course defines the scope and segmentation of the convention and group business market, describes marketing and sales strategies to attract markets with specific needs and explains the operational techniques to meet these needs as part of the meeting and convention business. 47 contact hours.

HFT 2942 HOSPITALITY INTERNSHIP ..... 2-3 credits
Prerequisite: HFT 1941. This course enables students to enhance workplace skills through supervised practical experience. Sixty (60) industry work hours equals one credit hour. In addition, the students must complete assignments as well as a term project.

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Faculty makes regular appraisals of the learning progress through on-site visits and consultations with supervisors. 120-180 contact hours.

HIM 1000 INTRODUCTION TO HEALTH INFORMATION MANAGEMENT ..... 3 credits
Prerequisites: Admission to the Health Information Management A.S. degree program or enrollment in the Medical Coder program or the Medical Transcription program and CTS 1101, HSC 1531, and either BSC 1083 or (BSC 1085/1085L and BSC 1086/1086L). This course is an introduction to the health information (medical record) department, the role of the health information technician as a member of the health care team and the health information professional organization. Content to be addressed includes the fundamentals of health information practice, content and format of various types of medical records, numbering and filing systems, and health care data sets. 47 contact hours.

HIM 1031C MEDICAL TRANSCRIPTION I ..... 3 credits
Prerequisites: HSC 1531, CTS 1101, and either BSC 1083 or (BSC 1085/1085L and BSC 1086/1086L) or program director's approval. Satisfactory completion of keyboarding or 2 years of high school typewriting is recommended. This course covers the role, ethics and legal responsibilities of the medical transcriptionist with primary emphasis on the basic fundamentals of medical transcription principles and practice. Equipment, types of medical reports, quality control and reference materials will also be addressed. Lab exercises will consist of improving keyboarding skills and the correct use of basic transcription equipment. Basic principles of word processing are also practiced. 107 contact hours.

HIM 1110 CLASSIFICATION SYSTEMS, INDEXES, AND REGISTRIES ..... 3 credits
Prerequisite: HIM 1000 or program director approval. This course serves as an introduction to nomenclature and classification systems, reimbursement issues, and indexes and registries in a health information (medical record) department. Related health information management practices in ambulatory care, long term care, rehabilitation, and mental health facilities are addressed. 47 contact hours.

HIM 1211 HEALTH INFORMATION TECHNOLOGIES ..... 2 credits
Prerequisite: CTS 1101 and HIM 1000. This course is an introduction to theory and practical methodology utilized in a health information (medical record) department. Computer and information systems in health care are discussed with emphasis on systems encountered by health information managers. Included is a review of new technologies in relation to the evolving paperless electronic medical record. 32 contact hours.

HIM 1430 PRINCIPLES OF DISEASE ..... 3 credits
Prerequisites: CTS 1101, HSC 1531 and either BSC 1083 or (BSC 1085/1085L and BSC 1086/1086L). This course focuses on general principles, etiology and pathophysiology of human diseases on homeostatic mechanisms. A living body systems approach is utilized which includes basic anatomy, physiology, manifestations of disease states, and medical complications. Diagnostic procedures and treatment of each disease are investigated. Selected areas addressed include: cellular structure, immune system, infectious disease, neoplasms, inherited disease, urinary, reproductive, digestive, respiratory, circulatory, nervous, endocrine, musculoskeletal, integumentary and sense organ systems. 47 contact hours.

HIM 1800 PROFESSIONAL PRACTICE EXPERIENCE I ..... 2 credits
Prerequisites: HIM 1000, HIM 1110, or Program Director approval. This clinical practice allows the student to experience and practice health information (medical record) department functions in either a simulated or actual health information environment. Topics addressed include health information systems, health records, and information retention and retrieval. The student will become familiar with and utilize various types of equipment used in health information departments. 60 contact hours.

HIM 2012 HEALTH LAW CONCEPTS AND PRACTICES ..... 3 credits
Prerequisite: CTS 1101. This course is an in-depth study of the federal, state and local laws which govern the preparation and use of medical records in the health care delivery system. Topics include the medical record as a legal document and release of information. 47 contact hours.

HIM 2032C MEDICAL TRANSCRIPTION II ..... 3 credits
Prerequisite: HIM 1031C or program director approval. This course focuses on the quality and accuracy standards related to the production of transcribed medical documents. Students will be expected to produce a greater number of reports from selected medical specialties with an increased rate of accuracy. 107 contact hours.

HIM 2033C MEDICAL TRANSCRIPTION III ..... 3 credits
Prerequisite: HIM 2032C or program director approval. This course focuses on typing quality transcribed medical reports with a greater emphasis on student productivity by increasing the number of reports completed while achieving compliance with higher accuracy standards. 107 contact hours.

HIM 2035C MEDICAL TRANSCRIPTION IV ..... 3 credits
Prerequisite: HIM 2033C or program director approval. Pre- or corequisites: HIM 1000, HIM 1430, HIM 2012, HIM 2801, HSA 1100, HSC 1149C. This course focuses on advanced transcription skills required to produce transcribed reports used in a variety of health care environments such as acute care hospitals, physician offices, outpatient clinics, psychiatric and rehabilitation facilities, etc. Students will continue to produce reports with strong emphasis on increasing productivity while complying with accuracy standards. A level of speed and accuracy consistent with employment standards and the ability to work independently is required. Employability skills and preparation for the national Certified Medical Transcriptionist (CMT) examination will also be addressed. 107 contact hours.

HIM 2200 ORGANIZATION AND SUPERVISION ..... 3 credits
Prerequisite: HIM 1110 or program director approval. This course is an introduction to supervisory management, human resources, personnel and financial management. Included are employment skills, budgeting, human relations, and methods for analyzing and improving systems. 47 contact hours.

HIM 2214C HEALTHCARE STATISTICS ..... 1 credit
Prerequisites: Any college level MAC, MGF or STA course, and HIM 1000, or program director approval. This course addresses computation of rates and percentages for basic healthcare statistics with introduction to vital statistics, data display, report generation, and research methodologies. 32 contact hours.

HIM 2222 BASIC ICD CODING ..... 3 credits
Prerequisites: CTS 1101, HSC 1531 and either BSC 1083 or (BSC 1085/1085L and BSC 1086/1086L). Pre- or corequisite: HIM 1000. This course is an introduction to the basic coding principles of the International Classification of Diseases (ICD) coding system. 47 contact hours.

HIM 2234 ADVANCED CODING AND REIMBURSEMENT ..... 3 credits
Prerequisites: HIM 2222 or program director approval. Pre- or corequisite: HIM 1430. This is an advanced course in the use of the International Classification of Diseases (ICD) coding systems. The course is designed to increase the quality and accuracy of code selection by applying the decision-making process using well defined medical record review methodologies and official coding guidelines. The course will also provide methodologies to conduct validation studies of coded data, evaluate the content of medical record documentation, and verify the accuracy of Diagnosis Related Group (DRG) and/or Ambulatory Payment Classification (APC) assignments. 47 contact hours.

HIM 2253 CPT CODING ..... 3 credits
Prerequisite: CTS 1101, HSC 1531 and either BSC 1083 or (BSC 1085/1085L and BSC 1086/1086). Pre- or corequisite: HIM 1000. This course is an introduction to the basic coding principles, characteristics and conventions of coding using the Physicians Current Procedure Terminology (CPT) coding nomenclature. Students should have an understanding of medical terminology. 47 contact hours.

HIM 2283 ADVANCED CPT CODING AND REIMBURSEMENT ..... 3 credits
Prerequisites: HIM 2222 and HIM 2253. Pre- or corequisite: HIM 1430. This course will apply coding principles from an outpatient coding perspective. It will utilize both International Classification of Disease (ICD) and Current Procedural Terminology (CPT) coding classifications. The course will prepare the student to work with reimbursement methodologies and issues, such as Ambulatory Payment Classifications (APCs) and Resource-Based Relative Value Scale (RBRVS). 47 contact hours.

HIM 2510 QUALITY AND PERFORMANCE IMPROVEMENT ..... 3 credits
Prerequisite: HIM 2200 or program director approval. This course is an introduction to health care Quality and Performance Improvement, Utilization Management, Risk Management, and Credentialing. An introduction is also provided in basic health care research methodology, epidemiology, as well as statistical analysis, reporting, and interpretation. 47 contact hours.

HIM 2801 PROFESSIONAL PRACTICE EXPERIENCE-TRANSCRIPTION ..... 2 credits
Prerequisite: HIM 2033C or program director approval. Corequisite: HIM 2035C. This clinical practicum allows the student to experience and practice transcription in an acute care or alternative care setting. Topics addressed will be legal and ethical issues, confidentiality, and proper transcription techniques and procedures. The student will become familiar with and utilize various types of equipment used in transcription. 60 contact hours.

HIM 2810 PROFESSIONAL PRACTICE EXPERIENCE II ..... 2 credits
Prerequisite: HIM 1800. Corequisite: HIM 2200. This professional practice allows the student to experience and practice health information (medical record) department functions in acute care and/or ambulatory care settings. Topics addressed include legal aspects, information retention and retrieval, and general orientation to daily department operations. The student will become familiar with and utilize various types of equipment, systems and processes used in health information departments. 90 contact hours.

HIM 2820 PROFESSIONAL PRACTICE EXPERIENCE III ..... 2 credits
Prerequisite: HIM 2810 or program director approval for Medical Coder students. Pre- or corequisites: HIM 2234 and HIM 2283. This clinical practice allows the student to experience and practice health information (medical record) department functions in acute care and/or ambulatory care settings. Topics addressed include various management functions and/or classification/indexing systems (coding). The student will become familiar with and utilize various types of equipment, systems and processes used in health information departments. 90 contact hours.

HIS 2950 STUDY ABROAD IN HISTORY ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695, or appropriate score on the SPC placement test or permission of instructor. This course, exclusively for students in the Cambridge International Summer Schools Programs, is designed to offer historical topics of special interest to students combined with actual travel and study on-site at one of Europe's oldest and most prestigious universities. Such course offerings include the study of history (British and European)—historical periods, movements and figures—as detailed in the Cambridge catalogue. Variable content depending on the Cambridge course listings for the respective summer term is designated. As a member of the Florida Consortium for Cambridge study, SPC provides students opportunities to receive academic credit while studying at Cambridge University. The course includes lectures, discussions, field trips and multiple writing experiences. In addition, the course involves extensive orientation and preparation plus careful monitoring of student work and progress while at Cambridge.

HLP 1080 PERSONAL WELLNESS ..... 1 credit
This course includes laboratory analysis of selected current health indicators using appropriate evaluation techniques. Students will determine their current health status and develop a functional program to foster optimal wellness. Within these parameters, students will develop a knowledge and understanding of nutrition and physical fitness as it relates to good health. Individualized nutritional programs will be designed with the use of a current computer software program. 32 contact hours.

HSA 1100 HEALTHCARE DELIVERY SYSTEMS ..... 3 credits
Prerequisites: CTS 1101, HSC 1531 or program director approval. This course is an introduction to health care facilities and health delivery systems including their purpose, organization, general functions and staffing. Facilities such as hospitals, nursing and rehabilitation centers, health maintenance organizations, private and public outpatient clinics and health care centers are analyzed and discussed. Additional topics include an overview of accreditation standards; licensure agencies; reimbursement systems; legal/ethical issues; healthcare computerization; documentation, quality, compliance, and regulatory requirements. 47 contact hours.

HSA 1102 CURRENT ISUES IN HEALTH ..... 3 credits
This course is designed for the organized presentation of current issues within the health care system. Emphasis focuses on diverse areas of health and is appropriate for persons directly or indirectly involved in provision of health care or health education. Group discussions will be used to define problems and explore solutions. Awareness levels of participants will be enhanced through classroom participation, presentations and projects. These are to include (but not be limited to) new technology, consumer education, health policies, economics and innovations for change. 47 contact hours.

HSC 1004 BASIC CONCEPTS OF HEALTH CARE ..... 3 credits
This course is designed to provide students with a foundation and skills common to a variety of health technologies. It stresses an interdisciplinary approach to health care and introduces students to the holistic concept of health including the physical, psychosocial, cultural and spiritual perspectives. Health care is explored from both a consumer and a provider perspective. This course is open to college students enrolled in health programs and/or to general college students wishing to increase their knowledge of contemporary health care. Three hours weekly.

HSC 1149C GENERAL PHARMACOLOGY FOR HEALTH PROFESSIONALS ..... 1 credit
Prerequisites: Either BSC 1083 or (BSC 1085/1085L and BSC 1086/1086L) or program director approval. Prerequisite for Health Information Management, Medical Coder and Medical Transcription students: CTS 1101. This course will provide the student with general pharmacology concepts and principles in the management of client care. The knowledge and skills required for safe, effective administration of therapeutic drugs and indications and contraindications associated with drug therapy are an integral part of this course. 32 contact hours.

HSC 1524 INTRODUCTION TO INFECTIOUS DISEASE ..... 2 credits
Prerequisite: (ENC 0020 and REA 0002) or EAP 1695, and MAT 0024 or appropriate score on the SPC placement test. This course provides a survey of the agents of infectious diseases and the principles of infection control and epidemiology. Safe handling of infectious materials and the use of personal protective equipment are emphasized. 32 contact hours.

HSC 1531 MEDICAL TERMINOLOGY ..... 2 credits
Prerequisite: CTS 1101 or program director approval. This course is an introduction to medical terms and abbreviations utilized by health care professionals in patient care settings. It orients students to the elements of medical terms, their abbreviations, meanings and appropriate spellings. 32 contact hours.

HSC 2100 PERSONAL AND COMMUNITY HEALTH ..... 3 credits
This course is designed to acquaint the student with current issues that affect personal and community health. Health education is presented so the student is able to develop attitudes, principles, and habits, through a discovery of knowledge that will help maintain and improve his/her own health and that of the community. 47 contact hours.

HSC 2400 FIRST AID ..... 2 credits
This course covers essential information in first aid knowledge, skills and judgement with regard to emergency treatment of injuries and sudden illness. Successful completion of the course with a "C" or better grade qualifies the student for the American Red Cross Standard First Aid Certificate and C.P.R. Certification. 32 contact hours.

HUM 2210 "G" WESTERN HUMANITIES I (Ancient through Renaissance) ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695, or satisfactory score on the SPC placement test. This course examines cultural and aesthetic perspectives in the Western continuum of arts and ideas from the earliest Western foundations to the Renaissance. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both HUM 2210 and HUM 2210H. 47 contact hours. (Students who received credit for HUM 2250 cannot also receive credit for HUM 2210 or HUM 2233.)

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HUM 2210H HONORS WESTERN HUMANITIES I
"G" (Ancient through Renaissance) ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695, or appropriate score on the SPC placement test. This course for selected honors students is a study of various epochs of Western culture from the ancient to Renaissance periods with emphasis on analysis and synthesis of ideas and structure in the visual arts, literature, philosophy, and music. It stresses development of personal aesthetic sensibilities and commitment to intellectual curiosity. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Enrollment with permission of instructor. Credit is not given for both HUM 2210 and HUM 2210H. 47 contact hours. (Students who received credit for HUM 2250 cannot also receive credit for HUM 2210 or HUM 2233.)

HUM 2233 WESTERN HUMANITIES II
"G" (Baroque to the present) ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695, or appropriate score on the SPC placement test. This course examines cultural and aesthetic perspectives in the Western continuum of arts and ideas from the Baroque to the Modern periods. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. HUM 2210 is not necessarily a prerequisite for this course. Credit is not given for both HUM 2233 and HUM 2233H. 47 contact hours. (Students who received credit for HUM 2250 cannot also receive credit for HUM 2210 or HUM 2233.)

HUM 2233H HONORS WESTERN HUMANITIES II
"G" (Baroque to the present) ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695, or appropriate score on the SPC placement test. This course for selected honors students is a study of various epochs of Western culture from the Baroque to the Modern periods with emphasis on analysis and synthesis of ideas and structure in the visual arts, literature, philosophy, and music. It stresses development of personal aesthetic sensibilities and commitment to intellectual curiosity. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Enrollment with permission of instructor. HUM 2210 is not necessarily a prerequisite for this course. Credit is not given for both HUM 2233 and HUM 2233H. 47 contact hours. (Students who received credit for HUM 2250 cannot also receive credit for HUM 2210 or HUM 2233.)

HUM 2270 HUMANITIES (East-West Synthesis) ..... 3 credits
"G" Prerequisite: ENC 0020 or EAP 1695, or satisfactory score on the SPC placement test. This course is a consideration of non-Western arts and ideas to bring about awareness of a world community. The course examines cultures of the Near East, Far East and Africa, relative to the Western tradition. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both HUM 2270 and HUM 2270H. 47 contact hours.

HUM 2270H HONORS HUMANITIES (East-West Synthesis) .. 3 credits
"G" Prerequisite: ENC 0020 or EAP 1695, or satisfactory score on the SPC placement test. Limited to selected Honors students, this course is a study of various major non-Western cultures. Emphasis is placed on applying knowledge of non-Western values and ideas relative to Western culture toward constructing a more coherent world-view and reaching a deeper understanding of self. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both HUM 2270 and HUM 2270H. 47 contact hours.

HUM 2950 STUDY ABROAD IN HUMANITIES ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695, or appropriate score on SPC placement test or permission of instructor. This course, exclusively for students in the Cambridge International Summer Schools Programs, is designed to offer topics of special interest in the humanities to students combined with actual travel and study on-site at one of Europe's oldest and most prestigious universities. Such course offerings include the examination of the styles and influences of music, art, architecture, theatre, religion, literature and philosophy as detailed in the Cambridge catalogue. Variable content depending on the Cambridge course listings for the respective summer term is designated. As a member of the Florida Consortium for Cambridge study, SPC provides students opportunities to receive academic credit while studying at Cambridge University. The course includes lectures, discussions, field trips and multiple writing experiences. In addition, the course involves extensive orientation and preparation plus careful monitoring of student work and progress while at Cambridge.

HUN 1201 SCIENCE OF NUTRITION ..... 3 credits
Prerequisite: BSC 1086 or BSC 2010. This course covers the basic principles of nutrition, including knowledge of the principal nutrients in foods and their utilization by the body and determining and meeting food needs for optimum health at different stages of the life span. 47 contact hours.

HUN 2010 APPLIED NUTRITION
FOR HEALTH PROFESSIONS ..... 3 credits
This course covers nutrition and its effects on physical well-being; primary and secondary nutritional diseases, their diagnosis and therapy; interaction of drugs and nutrients; nutrition and somatic diseases, acquired and hereditary; behavior modifications in overweight and obesity. 47 contact hours.

HUS 1001 PRINCIPLES AND STRATEGIES
FOR HUMAN SERVICES ..... 3 credits
Prerequisite: REA 0002 or EAP 1695 or a satisfactory score on the SPC placement test. This course is an introduction to effective helping strategies in human services. The focus is upon normalization, problem-solving skills, and the various roles and functions of the human services professional. Personal awareness as it relates to the human services field is emphasized. 47 contact hours.

HUS 1111 INTRODUCTION TO INTRA
AND INTER-PERSONAL PROCESSES ..... 3 credits
This course is an introductory experience in which specific skills needed for effective human service workers are examined and practiced. The focus is on the dynamics of intra and inter-personal processes. 47 contact hours.

HUS 1530 SURVEY OF DEVELOPMENTAL
DISABILITIES ..... 3 credits
This course is an examination of concepts basic to understanding developmental disabilities. Emphasis is on terminology, measurement and assessment techniques, historical and contemporary attitudes, causes, education, and the impact of Developmental Disabilities on family and society. This course has a substantial writing requirement. 47 contact hours.

HUS 1920 PROFESSIONAL TECHNIQUES
FOR HUMAN SERVICES PERSONNEL ..... 1-3 credits
A series of specialized sessions centering around a topic of specific concern to human services personnel designed to enhance specific professional skills. The topics, and/or credit hours, and the level of difficulty may vary. Topics offered are: Introduction to Stress Management, Denial as it Applies to the Substance Abuser, Theories and Foundations of Crisis Intervention, Introduction to Developmental Play, Introduction to Neuro-Linguistic Programming, Introduction to Transactional Analysis, Foundation of Youth Development and others as developed. May be repeated for credit. One to three hours weekly.

HUS 2200 DYNAMICS OF GROUPS AND
GROUP COUNSELING ..... 3 credits
Prerequisites: HUS 1111, HUS 2302. This is an experiential course which reintroduces basic concepts and skills with regard to different types of groups and group dynamics. The focus is upon presentation of group facilitation techniques in substance abuse programs and the reviewing and taping of each student's video-taped practice sessions. 47 contact hours.

HUS 2302 BASIC COUNSELING SKILLS ..... 3 credits
Prerequisite: HUS 1111 or consent of instructor. This course is an introductory experience in active listening skills. The focus is on viewing and processing of each student's video-taped practice counseling sessions with emphasis on basic awareness and communication skills, empathetic listening, positive regard for the client, and recognition of interference in the communication process. 47 contact hours.

HUS 2315 STUDIES IN BEHAVIORAL MODIFICATION ..... 3 credits
Prerequisite: PSY 1012 recommended or consent of instructor. This course is the study of the use of basic behavior modification techniques in the human services. Emphasis is on the application of operant conditioning techniques. 47 contact hours.

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HUS 2403 ABUSED SUBSTANCES AND THEIR EFFECTS ..... 3 credits

Pre- or corequisite: SYG 2324. This course is a comprehensive survey of abused substances and their impact on the human body and upon society. The pathophysiological effects of substance abuse are emphasized while historical, legal, medical, social, and ethical issues are reviewed. The classes of drugs examined include major and minor tranquilizers, sedatives and hypnotics, narcotics, stimulants, and hallucinogens. The primary focus will be upon heroin, cocaine, marijuana and alcohol. 47 contact hours.

HUS 2420 EVALUATION OF TREATMENT ENVIRONMENTS ..... 3 credits

Pre- or corequisite: SYG 2324. This course is a cross-cultural, multi-disciplinary examination of physical and social aspects of treatment environments and their effect on individual well-being. Professional research, empirical data, and conceptual frameworks will be emphasized. 47 contact hours.

HUS 2421 METHODS FOR IDENTIFICATION AND INTERVENTION IN SUBSTANCE ABUSE ..... 3 credits

Pre- or corequisite: SYG 2324. This course is a comprehensive examination of methods used in the identification, intervention, and prevention of substance abuse. Symptoms and progression of substance abuse, types of abusers and special groups, various intervention techniques, and the interrelationship between the illness of substance abuse and the moral, legal, spiritual, sociological and psychological aspects will be reviewed. 47 contact hours.

HUS 2428 TREATMENT AND RESOURCES IN SUBSTANCE ABUSE ..... 3 credits

Pre- or corequisite: SYG 2324. This course is a multi-disciplinary study of various treatment methods for the substance abuser and an examination of the educational materials available to the practitioner. In addition, this course serves as a final preparatory session for those professionals who plan to successfully complete the Board Certification Examination. 47 contact hours.

HUS 2540 BUILDING STRONGER FAMILIES AND COMMUNITIES ..... 3 credits

Prerequisite: PSY 1012. This course provides an understanding of the essential role that human service professionals play in facilitating healthy families and communities. The effects of poverty, inequality, unemployment, child abuse, substance abuse, and domestic violence are included. The course provides strategies for empowering families to move to effective parenting, developing healthy life styles, promoting self-esteem and self-worth, assuming responsibility, problem-solving skills, resolving conflicts, identifying alternates, making healthy choices. 47 contact hours.

HUS 2550 SOCIAL SERVICES AND THE DISENFRANCHISED ..... 3 credits

Prerequisites: HUS 1111 and PSY 1012. This course is designed to give students an in-depth understanding of forces that impact minority and other disenfranchised families in America. Emphasis will be given to historical trends, social stratification, and current status. Additionally, the effects of perceptions and misconceptions on minority and other disenfranchised families will be considered. The primary purpose of this course is to prepare professionals to work effectively with individuals who are ethnically, culturally, and racially different. 47 contact hours.

IDS 1101H "G" HONORS INTERDISCIPLINARY STUDIES: ANCIENT ..... 9 credits

Prerequisite: ENC 0020 or EAP 1695, or appropriate score on SPC placement test or instructor permission. This course is an integrated survey of the origins and Classical Period of Western Civilization. It surveys Egypt, Mesopotamia, and the Greco-Roman and Judeo-Christian traditions, emphasizing the enduring contributions of the era. The survey gives special consideration to the disciplines of history, literature, philosophy, art history, religious studies, and communications. (Students who partially complete the IDS Program will receive advanced standing credit toward the completion of the general education program for the following courses if IDS 1101H is completed: ENC 1101, HUM 2210 and EUH 1000.) Each student will be required to write a minimum of 10,000 words. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education requirements. 137 contact hours.

IDS 1102H "G" HONORS INTERDISCIPLINARY STUDIES: MEDIEVAL/RENAISSANCE ..... 9 credits

Prerequisite: ENC 1101 or ENC 1121H or IDS 1101H or permission of the instructor. This course is an integrated survey of the historical and intellectual development of Western civilization from the close of the Classical Period to the Enlightenment. Attention is given to the distinctive contributions of the Middle Ages, Renaissance, Reformation and Counter-Reformation and the Ages of Discovery. The survey gives specific consideration to the disciplines history, literature, philosophy, art history, religious studies, history of science and communication. (Students who complete IDS 1102H will receive equivalency credit for: ENC 1102, SPC 1600 and HUM 2233.) This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Each student will be required to write a minimum of 12,000 words. 137 contact hours.

IDS 2103H "G" HONORS INTERDISCIPLINARY STUDIES: MODERN ..... 9 credits

Prerequisite: ENC 1102 or ENC 1122H or concurrent enrollment in ENC 1102. This course is an integrated survey of European and American Culture in the Eighteenth, Nineteenth and Twentieth centuries. It emphasizes the principle historical and intellectual developments, perspectives and challenges which shape contemporary Western societies. The survey gives special consideration to the disciplines of psychology, philosophy, literature, history, art history, political science, religious studies and the history of science. (Students who complete IDS 2103H will receive equivalency credit for: POS 2041, LIT 2120 and PHI 1600.) Each student will be required to write a minimum of 4,000 words. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 137 contact hours.

INR 2002 "G" INTERNATIONAL RELATIONS ..... 3 credits

Prerequisite: POS 2041 or equivalent. This course is an introductory study of the factors that affect relations among nations, including the development of nationalism; the elements that determine national power; the formulation of foreign policy; the art of diplomacy; the history and application of international law; international economics; international organizations; militarism and war; case studies involving the above; and contemporary events in international relations. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

INR 2002H HONORS INTERNATIONAL RELATIONS ..... 3 credits

Prerequisite: Satisfactory score on the SPC placement test or POS 2041 or POS 2050H. This course is an introductory study of the factors that affect relations among nations. Through various teaching and learning methodologies, the student will become familiar with the various theories of international relations, the development of nationalism; the elements that determine national power; the formulation of foreign policy; the art of diplomacy; the history and application of international law; international economics; international organizations; militarism and war. The course will cultivate independent scholarship, active learning and enhanced student participation. This course will encourage the use of logical reasoning, in-depth analysis, and critical thinking skills when examining historical and contemporary events in international relations. Enrollment is limited to students approved to take Honors courses at SPC. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both INR 2002H and INR 2002. 47 contact hours.

ISC 1001L METHODS OF SCIENCE LABORATORY ..... 1 credit

Prerequisites: (ENC 0020 and REA 0002 and MAT 0024) or (EAP 1695 and MAT 0024). This laboratory course introduces the student to the methods that are the nucleus of scientific discovery. Topics will include scientific method, experimental design and implementation, and interpretation of experimental results. This laboratory course provides students an opportunity for a "hands-on" experience and requires written reports. Some sections may require the use of microcomputers for data analyses. This course is designed primarily for non-science majors. 45 contact hours.

ISC 1004C PHYSICAL SCIENCE MATTERS ..... 3 credits

Prerequisites: (ENC 0020 and REA 0002) or EAP1695 and MAT 0024 or satisfactory score on the SPC Placement Test. This two-course sequence (Physical Science/Biological Science Matters) is designed for non-science majors who need a broad introduc-

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tion into the methods and processes of modern science. This first course will focus on the physical sciences and is followed by a companion course that focuses on the biological sciences. This two-course sequence is structured around a series of science modules specifically selected to address all the Florida Sunshine State Science Standards. 77 contact hours.

ISC 1005C BIOLOGICAL SCIENCE MATTERS ..... 3 credits
Prerequisite: ISC 1004C. (This course is the second of a two-part sequence that follows Physical Science Matters.) The course focuses on basic biological issues with examples of topical interest including population growth, genetic advances, DNA and society and ecology. This class will explore recent advances in the biological sciences making biology, biochemistry, and ecology applicable to everyday living. Fundamental biological concepts such as cell function, metabolism, growth, reproduction, homeostasis and natural diversity will be discussed with hands-on experimental work integrated into selected modules. This two-course sequence is structured around a series of frequently up-dated science modules specifically selected to address all the Florida Sunshine State Science Standards. 77 contact hours.

ISC 1141 EARTH SCIENCE ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, and MAT 0024. This course is designed to acquaint the student with the integrating principles and theories of the Earth Sciences and with the practice of the scientific method. The student is afforded the opportunity to be exposed to useful knowledge in selected areas of Earth Science. 47 contact hours.

ISC 1141L EARTH SCIENCE LAB ..... 1 credit
Pre- or corequisite: ISC 1141. This course is a laboratory experience to accompany ISC 1141 for students who are non-science majors. The laboratory exercises will emphasize the study of applications to the principles of earth science. (This course may not be taken for credit subsequent to receiving a grade of "C" or better in any lab course with a GLY prefix.) 45 contact hours.

ISM 1311 FOUNDATIONS OF INFORMATION TECHNOLOGY PROJECT MANAGEMENT ..... 3 credits
This course provides an overview of Information Technology (IT) project management and introduces the concepts necessary to identify the major components that lead to the successful completion of an IT project. Concepts include project planning; tracking and implementation; task delegation; time, money, and scope management of IT projects. 47 contact hours.

ISM 1322 SOFTWARE DEVELOPMENT RISK ASSESSMENT AND MANAGEMENT ..... 3 credits
Prerequisite: MAN 1551. This course will teach the software professional how to identify, understand and manage risks in the software development process. Many projects are undertaken without a solid basis of understanding of the risks involved. The software professional will learn the fundamentals of risk management strategy. 47 contact hours.

ISM 1484 E-BUSINESS FOR INFORMATION TECHNOLOGY PROJECT MANAGERS ..... 3 credits
Prerequisite: ISM 1311. This course provides an overview of Information Technology (IT) project management Electronic Business (E-Business) fundamentals, exploring the four components of E-Business: Customer Relationship Management (CRM), E-Commerce, Supply Chain Management (SCM), and Infrastructure Management (IM). Other concepts include market and enterprise issues that affect E-Business, business models and processes that have been impacted by E-Business solutions, taking E-Business theory to implementation, and key enabling technologies that support successful E-Business solutions. 47 contact hours.

ISM 1531 ENTERPRISE RESOURCE PLANNING FOR INFORMATION TECHNOLOGY PROJECT MANAGERS ..... 3 credits
Prerequisite: ISM 1311. This course provides the student with an in-depth analysis in Information Technology (IT) project management Enterprise Resource Planning (ERP). Concepts include life cycles and sequences, planning and organizing, testing, total quality management, and diagnostic and measurement systems to evaluate ERP systems. 47 contact hours.

JOU 2100 JOURNALISTIC WRITING AND REPORTING ..... 3 credits
Prerequisite: ENC 1101 or ENC 1121H. This course is an introduction to the profession of journalism and to the theory and practice of writing news. Students are given practical experience in gathering news and in writing and copyreading both news and feature stories. Emphasis on grammar and usage according to student needs and demand. This course has a substantial writing requirement. 47 contact hours.

LAE 2000 LANGUAGE ARTS DEVELOPMENT IN YOUNG CHILDREN ..... 3 credits
Prerequisites: EEC 1601 and EEC 1603. This course is an introductory study of speech and language from birth to eight years of age. Emphasis is upon the application of language arts activities in early childhood facilities. This course will be accepted as early childhood education credit by the Pinellas County License Board. 47 contact hours.

LAT 1120 BEGINNING LATIN I ..... 4 credits
This course introduces students to the three skills (pronouncing, reading, and writing) of Classical Latin and teaches students to appreciate the Western heritage from Rome. 62 contact hours.

LAT 1121 BEGINNING LATIN II ..... 4 credits
Prerequisite: LAT 1120. This course reinforces the basic skills previously acquired. The course further develops reading and writing skills as well as an understanding and appreciation of the Western heritage from Rome. 62 contact hours.

LEI 2764C BASIC ACTIVITY CERTIFICATION ..... 6 credits
This course is designed to provide the student with the basic core of knowledge essential to meet the professional standards of practice. Presentation of the course will include planning, organizing and coordinating. The primary focus will be on integration of knowledge and skills necessary for an activity professional. Concentration areas will also include human development, methods of service delivery and legal aspects. 90 hours classroom/ 90 hours lab weekly.

LIS 1002 ELECTRONIC RESEARCH STRATEGIES FOR COLLEGE STUDENTS ..... 1 credit
This course is designed to develop information literacy skills and to help students become full participants in the Information Age. It introduces students to the core concepts of information retrieval, essential techniques for locating, analyzing, organizing and presenting information, and essential components of computer and information ethics and security. Emphasizing both technological skills and critical thinking abilities, the course teaches strategies for using a variety of electronic resources and for coping with the changing nature of information resources. 16 contact hours.

LIS 2004C INTRODUCTION TO INTERNET AS A RESEARCH TOOL ..... 1 credit
This course is designed to develop the skills needed to use the Internet as a research tool. The course focuses on methods of accessing relevant information resources through the Internet. Students will learn to create search strategies and retrieve, evaluate, and cite Internet resources. One hour weekly via the Internet.

LIT 1330 LITERATURE FOR EARLY CHILDHOOD ..... 3 credits
Prerequisite: ENC 0020 and REA 0002 or EAP 1695 or a satisfactory score on the placement test. This is a course designed to acquaint the student with books and other literary media suitable for young children. Talks, exhibits, films, and projects will be of special interest to future teachers, parents, and others who work with young children. This course counts for credit towards early childhood education for the Pinellas County License Board. This course has a substantial writing requirement. 47 contact hours

LIT 2090 CONTEMPORARY LITERATURE ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course is a multicultural study of representative nonfiction and fiction since 1960. Emphasis is on the issues and ideas that have shaped contemporary society. This course has a substantial writing requirement. 47 contact hours.

LIT 2110 WORLD LITERATURE I
"G" (Ancient World Through Renaissance) ..... 3 credits
Prerequisite: (ENC 1101 or ENC 1121H) and (REA 0002 or appropriate score on the placement test or EAP 1695). This course is designed to study the major poetry, fiction, drama, and essays of world literature from the Ancients through the Renaissance. Emphasis is on the intellectual and moral issues in literature that unite mankind despite differences in time, place, and language.

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This course also emphasizes methods of library research and emphasizes writing of the research paper and the paper of literary interpretation. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

LIT 2120 WORLD LITERATURE II
"G" (Renaissance to the Present) ..... 3 credits
Prerequisite: (ENC 1101 or ENC 1121H) and (REA 0002 or appropriate score on the placement test or EAP 1695). This is a course designed to study the major poetry, fiction, drama, and essays world literature from the Renaissance to the present. Emphasis is on the intellectual, philosophical, and cultural issues in literature that unite humankind despite differences in time, place, and language. This course also emphasizes methods of library research and the writing of a research paper and a paper of literary interpretation. Each student will write a minimum of 6000 words. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. LIT 2110 is not a prerequisite for this course. 47 contact hours.

LIT 2174 LITERATURE OF THE HOLOCAUST ..... 3 credits
This course is a study of literary responses to the Holocaust through works of fiction, autobiography, poetry, and essays by European and American writers. Emphasis is on analysis and interpretation of various prose and poetic forms, as well as students' critical responses to them. Background readings will help determine the political, sociological and historical ideologies that helped breed the atmosphere in which the moral catastrophe of the Holocaust occurred. 47 contact hours.

LIT 2380 INTRODUCTION TO WOMEN WRITERS ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course is an introductory study of representative works of women authors. Emphasis will be placed on the issues that have shaped, or arisen from, the literary contributions of women in world societies. This course has a substantial writing requirement. 47 contact hours.

LIT 2950 STUDY ABROAD IN LITERATURE ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or appropriate score on the SPC placement test or permission of instructor. This course, exclusively for students in the Cambridge International Summer Schools Programs, is designed to offer literary topics of special interest to students combined with actual travel and study on-site at one of Europe's oldest and most prestigious universities. Such course offerings include the study of literary history, genres and authors as detailed in the Cambridge catalogue. Variable content depending on the Cambridge course listings for the respective summer term is designated. As a member of the Florida Consortium for Cambridge study, SPC provides students opportunities to receive academic credit while studying at Cambridge University. The course includes lectures, discussions, field trips and multiple writing experiences. In addition, the course involves extensive orientation and preparation plus careful monitoring of student work and progress while at Cambridge.

MAC 1105 COLLEGE ALGEBRA ..... 3 credits
Prerequisite: MAT 1033 or appropriate score on the SPC mathematics placement test. Major topics include: functions and functional notation; domains and ranges of functions; graphs of functions and relations; operations on functions; inverse functions; linear, quadratic and rational functions; absolute value and radical functions; exponential and logarithmic properties, functions and equations; systems of equations and inequalities; applications such as curve fitting, modeling, optimization, exponential and logarithmic growth and decay. 47 contact hours.

MAC 1106 COMBINED COLLEGE
ALGEBRA/PRE-CALCULUS ..... 5 credits
Prerequisite: MAT 1033 or appropriate score on the SPC mathematics placement test. This course covers major topics to include: function and relations including domain and range, operations on functions, and inverse functions; polynomial, rational and other algebraic functions, their properties and graphs; polynomial, absolute value, and rational equations and inequalities; exponential and logarithmic functions, their properties and graphs; solving systems of equations and inequalities, matrices, and determinants; piecewise-defined functions; conic sections; sequences and series; applications such as curve fitting, modeling, optimization, and exponential and logarithmic growth and decay; mathematical induction; binomial theorem and applications. Credit is not given for both MAC 1106 and either MAC 1105 or 1140. 77 contact hours.

MAC 1114 TRIGONOMETRY ..... 3 credits
Prerequisite: MAC 1105 or appropriate score on the SPC mathematics placement test. May be taken concurrently with MAC 1140. This course is a study of trigonometry with emphasis on circular functions. Major topics include: trigonometric and circular functions, inverse trigonometric functions, identities, equations, solution of triangles, complex numbers, vectors, parametric equations, polar coordinates and applications. (Credit is not given for both MAC 1114 and MAC 1147.) 47 contact hours.

MAC 1140 PRE-CALCULUS ALGEBRA ..... 3 credits
Prerequisite: MAC 1105 or appropriate score on the SPC mathematics placement test. May be taken concurrently with MAC 1114. Credit is not given for both MAC 1140 and MAC 1147. Major topics include: polynomial, rational and other algebraic functions, their properties and graphs; polynomial and rational inequalities; exponential and logarithmic functions, their properties and graphs; piecewise-defined functions; conic sections; matrices and determinants; sequences and series; mathematical induction; binomial theorem and applications. Three hours weekly.

MAC 1147 PRE-CALCULUS ALGEBRA/
TRIGONOMETRY ..... 5 credits
Prerequisite: High school trigonometry and MAC 1105 or appropriate score on the SPC mathematics placement test. This is an accelerated course covering the topics of both MAC 1140 and MAC 1114 in a single session and is intended primarily for the student who plans to take MAC 2311-2313. Major topics in algebra include: polynomial, rational and other algebraic functions, their properties and graphs; polynomial and rational inequalities; exponential and logarithmic functions, their properties and graphs; piecewise-defined functions; conic sections, matrices and determinants; sequences and series; mathematical induction, binomial theorem and applications. The trigonometry has emphasis on circular functions. Major topics in trigonometry include: trigonometric functions, their properties and graphs; inverse trigonometric equations; solutions of triangles; vector algebra; parametric equations; polar coordinates; applications. (Credit is not given for both MAC 1147 and either MAC 1140 or MAC 1114.) 77 contact hours.

MAC 2233 APPLIED CALCULUS I ..... 3 credits
Prerequisite: MAC 1105 or satisfactory score on the SPC mathematics placement test. This course is a geometric and heuristic approach to calculus: differentiation and integration of algebraic and exponential, and logarithmic functions, applications to graphing, marginal analysis, optimization and areas. This course cannot be used to satisfy requirements of students majoring in mathematics or engineering. (Credit is not given for both MAC 2233 and MAC 2311.) 47 contact hours.

MAC 2234 APPLIED CALCULUS II ..... 3 credits
Prerequisite: MAC 2233 or appropriate score on the SPC mathematics placement test. This course is designed to follow MAC 2233 and includes topics from integral calculus, partial differentiation, and double integration. Emphasis is placed on applications in ecology, economics, geometry, physical sciences, and business. (Credit is not given for both MAC 2234 and MAC 2312.) 47 contact hours.

MAC 2311 CALCULUS WITH
ANALYTIC GEOMETRY I ..... 5 credits
Prerequisite: MAC 1140 and MAC 1114 or MAC 1147, or satisfactory score on SPC mathematics placement test. In this first course the topics include limits and continuity, the derivative of algebraic, trigonometric, logarithmic and exponential functions, implicit differentiation, applications of the derivative, differentials, indefinite and definite integrals, and applications of exponential functions. (Credit is not also given for MAC 2233 or MAC 2253.) 77 contact hours.

MAC 2312 CALCULUS WITH
ANALYTIC GEOMETRY II ..... 5 credits
Prerequisite: MAC 2311 or satisfactory score on the SPC mathematics placement test. This course is designed to follow MAC 2311. Topics include inverse trigonometric functions, hyperbolic and inverse hyperbolic functions, areas, volumes, centroids, work, fluid pressure, length of arc, trigonometric integrals, integration techniques, polar coordinates, indeterminate forms, improper

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integrals, infinite series, plane curves, parametric equations, conic sections, and computer work. (Credit is not also given for MAC 2234 or MAC 2254). 77 contact hours.

MAC 2313 CALCULUS WITH ANALYTIC GEOMETRY III ..... 4 credits
Prerequisite: MAC 2312 or satisfactory score on the SPC mathematics placement test. This course is designed to follow MAC 2312. Topics include vectors in the plane and space, three-dimensional surfaces, various coordinate systems, vector-valued functions, differential calculus of functions of several variables, gradients, directional derivatives, applications of partial derivatives, multiple integration, vector analysis, line integrals, surface integrals and applications. (Credit is not also given for MAC 2254). 62 contact hours.

MAD 2104 DISCRETE MATHEMATICS ..... 3 credits
Prerequisite: MAC 2311 or consent of instructor. This course is designed for those students who are majoring in computer science, engineering, mathematics and other highly technological fields. Topics include formal logic, set theory, combinatorics, mathematical induction, relations and functions, recursion, and graph theory. 47 contact hours.

MAN 1043 QUALITY MANAGEMENT CONCEPTS ..... 3 credits
This course provides an overview of the history and current practices related to the quality movement. Students will study the contributions of quality experts such as Deming, Juran and Crosby, and will be introduced to the concepts of team management, group process, and problem-solving skills. Various measurement tools for process improvement and control will be examined. Three hours weekly.

MAN 1044 MANAGING PROJECT QUALITY ..... 3 credits
Prerequisite: ISM 1311. This course will give the student an understanding of quality management and how it affects productivity and overall project management. Topics include concepts in quality, understanding the needs of the customer, planning for quality in projects, cost of quality, quality tools, people as a quality resource, and case studies of quality projects. 47 contact hours.

MAN 1122 LEADERSHIP SKILLS FOR PROJECT MANAGERS ..... 3 credits
This course focuses on interpersonal and leadership skills necessary in successfully completing projects. Methods and tools for effectively leading a project team will be discussed. Concepts include communication, motivation, performance, behavior, and crisis management. 47 contact hours.

MAN 1171 MANAGING STRESS IN BUSINESS ..... 1 credit
This course is designed to develop the student's understanding of stress and an awareness of the knowledge, skills, and attitude required to handle stress successfully in business. 17 contact hours.

MAN 1551 INTRODUCTION TO QUALITY ASSURANCE ..... 3 credits
This course will teach students Quality Principles and Concepts. The concepts will include studying the theories of quality pioneers, managing toward results, managing by process, quality tools, process engineering standards, measurement, metrics, building and deploying a defect management program as it applies to Information Technology (IT). 47 contact hours.

MAN 1552 QUALITY ASSURANCE WORK PROCESSES AND STANDARDS ..... 3 credits
Prerequisite: MAN 1551. This course will teach the student a customizable approach for process definition, deployment and improvement. The methods can be applied to any quality model or can be used simply as a means to improve overall performance especially as it applies to IT. 47 contact hours.

MAN 1553 IMPROVING QUALITY AND PRODUCTIVITY USING MEASUREMENT ..... 3 credits
Prerequisite: MAN 1551. This course will teach the student how to identify areas of improvement, to increase the productivity of employees, and to improve the overall quality of goods and services. Measurement is necessary to improve the effectiveness of an organization. This course teaches a customizable process for measurement designed to drive management's objectives. 47 contact hours.

MAN 1582 SOFTWARE PROJECT ORGANIZATION AND MANAGEMENT ..... 3 credits
Pre- or corequisite: COP 1607. This course focuses on the organizational and management aspects of software projects. Students learn techniques of project planning, scheduling, costing and organization, and apply them in the context of a multi person project. A key emphasis is management of client issues. Topics include: basic project management tools; leadership principles; client relationships; liability issues; intellectual property issues; confidentiality issues. Project management techniques will include scheduling, budgeting, risk analysis. 47 contact hours.

MAN 2021 PRINCIPLES OF MANAGEMENT ..... 3 credits
This course studies the basic fundamentals of management underlying the solution of problems in organization and operation of business enterprises and the application of these fundamentals to specific fields of business and industrial management. 47 contact hours.

MAN 2340 HUMAN FACTORS IN SUPERVISION ..... 3 credits
This course covers practical applications in the major practices of modern supervision, including leadership, communication, motivation, performance appraisal, staffing, training and employee development, factors involved in safety, and time management. 47 contact hours.

MAN 2604 INTERCULTURAL RELATIONS IN BUSINESS ..... 3 credits
This course examines intercultural communication from a business perspective. Students will study facets of communication differences in various cultures. Emphasis is on increasing understanding of cultural issues that affect communication effectiveness in international business, with particular attention to four major current and emerging trade partners: Mexico, Germany, Japan and Russia. 47 contact hours.

MAN 2933 PROFESSIONAL BUSINESS PROCESS ..... 3 credits
Prerequisite: Students must or should have completed 45 credit hours in the Business Administration and Management program to enroll in this course. This capstone course focuses on the core courses in the Business Administration and Management program in terms of their application to day-to-day operations in existing businesses. Leadership qualities and professional development will be emphasized. Students will partner with selected businesses to explore and analyze current practices in the areas represented by the core courses. Speakers from the business community will play an integral role in this course as they participate in a seminar setting to reinforce the importance of the core courses and their applicability to modern global practices. In this course, students will complete a comprehensive project as an end-of-program assessment. 47 contact hours.

MAP 2302 DIFFERENTIAL EQUATIONS ..... 3 credits
Prerequisite: MAC 2312 or appropriate score on the SPC mathematics placement test. This course covers the basic methods and fundamental theorems of ordinary differential equations with applications in the natural sciences and engineering. Topics are the following: solutions of first order differential equations of types; namely separable, exact, homogeneous, linear, Bernoulli; solutions of nth order linear differential equations; solutions by series; Laplace transforms; and systems of linear differential equations. Three hours weekly.

MAR 1142 GLOBAL MARKETING ..... 3 credits
This course covers the principles of fair global market trade and methods for developing and implementing global marketing and trade operations. The areas of international trade, payments, development, and multinational enterprise as they apply to global marketing are the key elements of the course. 47 contact hours.

MAR 1143 SEMINAR IN GLOBAL MARKETING ..... 3 credits
Prerequisite: MAR 1142 or permission of the program director. This seminar is a sequel to MAR 1142, Global Marketing. It re-emphasizes the principals of Global Marketing first explained in the pre-requisite course by demonstrating the application of these principles. By visiting companies in foreign countries, the concepts of global market trade, marketing operations methods, and "real world" market implementation are seen in action and analyzed. The areas of international trade, payments, development, and multinational enterprise as they relate to global marketing in action, are an additional focus of this course. This is a "study abroad" seminar class. 47 contact hours.

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MAR 2011 PRINCIPLES OF MARKETING ..... 3 credits
This course covers the institutions and methods developed for carrying on trade operations, retail and wholesale agencies, elements of marketing efficiency, the cost of marketing, price maintenance, unfair competition, and the relationship of government to marketing. 47 contact hours.

MAR 2141 INTERNATIONAL MARKETING ..... 3 credits
Prerequisite: Permission of the program director. This course is offered as part of the Semester Experience Abroad program in Seville, Spain. This course examines basic marketing principles related to business in an international setting. Emphasis is placed on the role of the international marketing manager in the development of marketing strategies for a variety of markets in diverse cultural and economic situations. Topics covered include the decision-making process in the areas of foreign market analysis, target market identification, product planning, promotion and channels of distribution. 47 contact hours.

MAR 2321 ADVERTISING ..... 3 credits
This course presents a comprehensive overview, from a managerial viewpoint, of the field of advertising and shows the relationship of advertising to history, economics, marketing, social institutions, and customer psychology. Included in the study are sales promotion, media organization, market functioning, brand promotion, analysis of consumer behavior, budgeting, legislation and regulations. The course culminates with the student planning an advertising campaign. 47 contact hours.

MAS 2103 LINEAR ALGEBRA ..... 3 credits
Prerequisite: MAC 2311 or appropriate score on the SPC mathematics placement test. This course is an introduction to real vector spaces by using the properties of vectors and matrices to find the solution to systems of equations and the algebra of transformations. The properties of similar and diagonal matrices will be applied to the solution of problems. 47 contact hours.

College Preparatory Credits (0000 designations) may not be used toward graduation.

MAT 0012 PRE-ALGEBRA ..... 3 credits
This course is a study of the basic skills and concepts of pre-algebra from the point of view of the college student who needs an understanding of pre-algebra. Major topics include operations with integers, fractions, decimals, percents, geometric figures and their measures, and pre-algebra topics including simplification of polynomials and equation solving techniques. 47 contact hours.

MAT 0012L PRE-ALGEBRA LAB ..... 1 credit
Co-requisite: MAT 0012. This laboratory is to support MAT 0012, Pre-algebra, and provide opportunities for applications of the basic skills and concepts of pre-algebra. 32 contact hours.

MAT 0024 ELEMENTARY ALGEBRA ..... 3 or 5 credits
Prerequisite: MAT 0012 or appropriate score on the SPC mathematics placement test. This course is a study of the basic skills and concepts of elementary algebra from the view of a college student who needs an understanding of basic algebra. Major topics include language and operations on sets, operations on signed numbers, simple linear equations and inequalities in one variable, operations on polynomials (including beginning techniques of factoring), integer exponents, brief introduction to radicals, introduction to graphing, and applications. 47 or 77 contact hours based on credit hours of class.

MAT 0024L ELEMENTARY ALGEBRA LAB ..... 1 credit
Prerequisite: MAT 0012 or appropriate score on the SPC mathematics placement test. Corequisite: MAT 0024. This laboratory is to support MAT 0024, Elementary Algebra, and provide opportunities for applications of the basic skills and concepts of Elementary Algebra. Two hours weekly.

MAT 1033 INTERMEDIATE ALGEBRA ..... 3 credits
Prerequisite: MAT 0024 or appropriate score on the SPC mathematics placement test. Major topics include factoring, algebraic fractions, radicals and rational exponents, complex numbers, quadratic equations, rational equations, linear equations and inequalities, systems of linear equations and inequalities, introduction to functions and applications. 47 contact hours.

MAT 1033L INTERMEDIATE ALGEBRA LABORATORY ..... 1 credit
Prerequisite: MAT 0024 or appropriate score on the SPC mathematics placement test. Corequisite: MAT 1033. This is a laboratory course to foster success in MAT 1033, Intermediate Algebra, and to provide additional opportunities for application of the basic skills and concepts of Intermediate Algebra. 32 contact hours.

MCB 2010 MICROBIOLOGY ..... 3 credits
Prerequisite: BSC 1086 and BSC 1086L or BSC 2010 and BSC 2010L. Corequisite: MCB 2010L. Microbiology consists of the study of microorganisms and their role in our environment from a cellular and molecular point of view. Topics include microbial cell biology, microbial genetics, classification, identification, microbe-host interactions, antimicrobial agents, microbial control, and infectious disease. 47 contact hours.

MCB 2010L MICROBIOLOGY LABORATORY ..... 1 credit
Corequisite: MCB 2010. This laboratory will consist of experiments that teach bacterial techniques, characteristics of morphology, growth responses, metabolic activity, and distribution in selected environments. 45 contact hours.

MET 2010 INTRODUCTORY METEOROLOGY ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002 and MAT 0024) or (EAP 1695 and MAT 0024) or (appropriate scores on the SPC placement test.) This course is a survey of the basic laws governing atmospheric structure, atmospheric motions, weather processes and weather systems. 47 contact hours.

MGF 1106 MATHEMATICS FOR LIBERAL ARTS I ..... 3 credits
Prerequisite: MAT 1033 or appropriate score on the SPC mathematics placement test. This course is a general survey course in mathematics and covers a number of traditional, independent topics and will include topics related to mathematical logic, sets and systematic counting, probability, statistics, geometry critical thinking skills. One of its intents is to provide preparation for the Florida CLAST test for those students who may need to take it. This course is designed to satisfy three credits of the Gordon Rule which requires "Six semester hours of mathematics coursework, at the level of College Algebra or higher" but is not a prerequisite to any other mathematics course including MGF 1107, Liberal Arts Mathematics II. (Credit will not be given for both MGF 1113 AND MGF 1106.) 47 contact hours.

MGF 1107 MATHEMATICS FOR LIBERAL ARTS II ..... 3 credits
Prerequisite: MAT 1033 or appropriate score on the SPC mathematics placement test. The intent of MGF 1107 is to present topics demonstrating the beauty and utility of mathematics to the general student population and to provide knowledge and skills useful for college, life and career. The course will include topics related to patterns and reasoning, growth and symmetry, linear and exponential growth, and personal finance; mathematical connections with music, art, architecture and nature will be explored. History of mathematics, critical thinking skills, problem solving strategies and appropriate use of technology will be used throughout the course. This course is designed to satisfy three credits of the Gordon Rule which requires "Six semester hours of mathematics coursework at the level of College Algebra or higher" but is not a prerequisite to any other mathematics course. 47 contact hours.

MKA 2021 SALESMANSHIP ..... 3 credits
This course is a study of the buying-selling cycle with emphasis on the role of salespeople in the free-enterprise system, application of sales principles, components of the sales presentation, and an introduction to sales management. 47 contact hours.

MKA 2512 SALES PROMOTION AND PUBLIC RELATIONS ..... 3 credits
This course studies two (2) specific business tasks of the Promotional Mix: Sales Promotion (SP) and Public Relations (PR). Terminology of the field(s) will be explained and the use of SP and PR will be applied to business situations. The course will provide practical guidance in the field(s) and include projects designed by the students. 47 contact hours.

MLT 1022 INTRODUCTION TO CLINICAL LABORATORY SCIENCE ..... 2 credits
Prerequisite: CHM 1025 and CHM 1025L, and BSC 2010 and BSC 2010L or BSC 1085 and BSC 1085L, or permission of the program director. Corequisite: MLT 1022L. This course will provide the student with an introduction to the field of clinical laboratory science. Topics include medical terminology, laboratory organization, certification and licensure, professional ethics, communication, research skills, and laboratory safety. Four contact hours of AIDS information will be presented as outlined by the

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State of Florida rules to satisfy the AIDS education requirement for licensure of clinical laboratory personnel. 32 contact hours or equivalent.

MLT 1022L INTRODUCTION TO CLINICAL LABORATORY SCIENCE LAB ..... 1 credit

Corequisite: MLT 1022. This course introduces the student to the basic equipment and techniques used in clinical laboratory procedures. Students will learn proper use of personal protective equipment, laboratory glassware, centrifuges, balances, spectrophotometers, and microscopes. They will learn to evaluate and process laboratory specimens, pipet, and prepare dilutions and laboratory reagents. Mathematical calculations and interpretation of quality control data will be practiced. 30 contact hours or equivalent.

MLT 1040 PHLEBOTOMY ..... 1 credit

Prerequisite or corequisite: MLT 1022 or permission of the program director. This course is a study of methods of obtaining blood specimens for laboratory analysis. Topics include phlebotomy equipment; venipuncture and skin puncture techniques; infection control; quality assurance; and professional, ethical and legal considerations related to blood drawing. 17 contact hours or equivalent.

MLT 1610 CLINICAL CHEMISTRY ..... 4 credits

Prerequisite or corequisite: MLT 1022 or permission of the program director. This course is a study of the fundamental principles of clinical chemistry. Topics include carbohydrates, lipids, proteins, enzymes, hormones, electrolytes, minerals, blood gases, and drugs, with an emphasis on analytical procedures and clinical correlations. 62 contact hours or equivalent.

MLT 1610L CLINICAL CHEMISTRY LABORATORY ..... 1 credit

Corequisite: MLT 1610. This course is an introduction to the modern clinical chemistry laboratory and provides the student with the prerequisite knowledge required for the clinical chemistry experience. The emphasis is on methodologies, automation, and quality assurance. 30 contact hours or equivalent.

MLT 2150 CLINICAL CORRELATIONS ..... 3 credits

Pre- or corequisites: MLT 2809L, MLT 2811L, MLT 2807L and MLT 2810L or permission of the program director. This course is the capstone course for the Medical Laboratory Technology Program and is designed to prepare students for career entry. Students gain experience in critical thinking and application of the body of professional knowledge through an interdisciplinary case study approach. Employability skills are also covered, as required by the Florida Department of Education. 47 contact hours or equivalent.

MLT 2362 HEMATOLOGY AND BODY FLUID ANALYSIS ..... 4 credits

Prerequisite or corequisite: MLT 1022 or permission of the program director. This course is an introductory study of the classification and function of blood cells and clotting proteins in health and disease. Major topics include cell identification, anemias, leukemias, hemostasis and thrombosis, and urine and body fluid analysis. 62 contact hours or equivalent.

MLT 2362L HEMATOLOGY AND BODY FLUIDS LABORATORY ..... 2 credits

Corequisite: MLT 2362. This course is a study of the laboratory methods used in the routine examinations of blood cells, hemoglobin, coagulation factors, and urine and other body fluids. 60 contact hours or equivalent.

MLT 2400 CLINICAL MICROBIOLOGY ..... 4 credits

Prerequisite or corequisite: MLT 1022 or permission of the program director. This course provides the student with the methods and their underlying principles used in clinical microbiology laboratories to isolate and identify pathogenic microorganisms. Topics include laboratory safety, specimen collection; classification and identification of medically significant bacteria, fungi, parasites, and viruses; antimicrobial susceptibility testing; and quality assurance. 62 contact hours or equivalent.

MLT 2400L CLINICAL MICROBIOLOGY LABORATORY ..... 2 credits

Corequisite: MLT 2400. This course is an introduction to laboratory techniques used in the isolation and identification of pathogenic bacteria, fungi, and parasites. Emphasis is on basic skills that are required for the microbiology clinical experience and commonly encountered pathogens. 60 contact hours or equivalent.

MLT 2530 IMMUNOLOGY/ IMMUNOHEMATOLOGY ..... 4 credits

Prerequisite or corequisite: MLT 1022 or permission of the program director. This course is a study of immunology, serology, blood banking and transfusion medicine principles and procedures. Antigens, antibodies, and the functions of the immune response are examined in detail. 62 contact hours or equivalent.

MLT 2530L IMMUNOLOGY/IMMUNOHEMATOLOGY LABORATORY ..... 2 credits

Corequisite: MLT 2530. This course will provide the student with the knowledge and skills to perform immunologic and serologic procedures used in medical diagnosis and to perform tests and procedures necessary to provide safe, compatible blood and/or blood products for transfusion. 60 contact hours or equivalent.

MLT 2807L IMMUNOHEMATOLOGY CLINICAL EXPERIENCE ..... 3 credits

Prerequisites: MLT 2530, MLT 2530L. This course demonstrates and practices blood bank procedures employed in clinical transfusion services. Typing and cross-matching, donor screening, antibody screening and identification are performed in selected community health agencies. 135 contact hours.

MLT 2809L HEMATOLOGY CLINICAL EXPERIENCE ..... 3 credits

Prerequisites: MLT 2362, MLT 2362L. This course provides experience in hematology procedures and coagulation procedures. Experience is gained in analyzing normal and abnormal specimens in selected community health agencies. 135 contact hours.

MLT 2810L CLINICAL CHEMISTRY CLINICAL EXPERIENCE ..... 3 credits

Prerequisites: MLT 1610, MLT 1610L. In this course experience is provided to aid students in developing skills in performing and interpreting clinical chemistry analyses. Quality control methods and quality assurance are included. Experience is gained in selected community health agencies. 135 contact hours.

MLT 2811L MICROBIOLOGY CLINICAL EXPERIENCE ..... 3 credits

Prerequisites: MLT 2400 and MLT 2400L. In this course students will gain hands-on experience in selected community health agencies to assist their development of skills for isolating and identifying pathogenic bacteria, fungi and parasites. 135 contact hours.

MMC 2000 INTRODUCTION TO MASS COMMUNICATIONS ..... 3 credits

Prerequisite: (ENC 0020 or EAP 1695) or a satisfactory score on the SPC placement test. This course is a survey of the background, nature, and functions of the media of mass communications, with special emphasis on the print, film, and electronic media. The course is designed to provide the student with a basis for effective analysis, evaluation, and use of the various media, and with a knowledge of the role and the responsibilities of the mass media in a democratic society. This course has a substantial writing requirement. 47 contact hours.

MMC 2100 WRITING FOR THE MASS MEDIA ..... 3 credits

Prerequisites: (ENC 1101 or ENC 1121H), MMC 2000 or permission of instructor. Students should have knowledge of webpage construction or have taken COP 1822. This course provides instruction and practice in developing and writing for multimedia platforms, including web/internet, print, audio and video. This course addresses new technology issues, current events, and the importance of diversity and ethics in media writing. This course has a substantial writing requirement. 47 contact hours.

MMC 2700 THE POPULAR ARTS IN AMERICA ..... 3 credits

Prerequisite: (ENC 0020 or EAP 1695) or a satisfactory score on the SPC placement test. This course is a survey of the popular arts (those intended for mass consumption and commercial entertainment) in America, with special emphasis on the types of popular heroes and the form and content of movies, television, radio, best sellers, magazine, art, and music such as jazz, folk, and rock. This course is designed to provide the student with an understanding of the way in which the popular arts express the convictions, tastes, and values of American society. This course has a substantial writing requirement. 47 contact hours.

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MNA 1743 WORKPLACE COACHING AND COUNSELING ..... 1 credit

This course is designed to teach group leaders, supervisors and managers specific coaching and counseling techniques so that their direct reports and team members will become more productive and gain greater job satisfaction. Students will learn to improve communication skills for use during workplace coaching or counseling interactions, or when providing performance feedback, or discussing professional development areas. 16 contact hours.

MNA 1744 EFFECTIVE PROJECT MANAGEMENT ..... 1 credit

This course is an introduction to the basic principles of effective project management. Topics covered include an overview of the phases of a project, practice in defining, controlling, and completing simulated projects, basic team-building and group dynamics, as well as basic leadership and facilitative skills. 16 contact hours.

MNA 1750 NEGOTIATING SUCCESSFULLY ..... 1 credit

This course provides information and tools that can sharpen negotiating skills, challenge present methods of resolving problems, and give participants greater confidence in their ability to negotiate. Participants will learn to turn confrontation and conflict into successful outcomes and to avoid behaviors that are unproductive during the negotiating process. Participants will discuss the implications of culture on negotiation and conflict resolution. 16 contact hours.

MNA 1751 CUSTOMER SERVICE I: DEVELOPING A SPIRIT OF CUSTOMER SERVICE ..... 1 credit

This course is designed to assist those who deal with clients either face-to-face or on the telephone. Students will improve their interpersonal communication skills to increase their productivity and the quality of service rendered. The course will focus on the aspects of dealing with customer complaints, serving difficult customers, and meeting the individual needs of each customer. 16 contact hours.

MNA 1752 DELEGATING EFFECTIVELY ..... 1 credit

This course is designed to assist supervisors and managers to improve their delegation skills. Students will learn the basic rules for delegation, develop techniques for effective time management, practice the fundamentals of managing people, and develop a plan of action for future delegation of activities. 16 contact hours.

MNA 1753 MOTIVATING OURSELVES ..... 1 credit

This course is designed to provide participants with proven techniques for increasing their self-motivation and for reaching their full potential, both on and off the job. They will learn to avoid demotivators and to identify and use their strengths to increase self-confidence, satisfaction and productivity. 16 contact hours.

MNA 1754 MOTIVATING FOR PEAK PERFORMANCE ..... 1 credit

This course is designed to assist those who direct or supervise the work of others to understand and use motivational techniques that will make their employees want to do a better job. Participants will learn to apply motivational principles to workplace situations in order to increase productivity, satisfaction and commitment. Emphasis is on how to change behavior and how to reinforce desired behavior. 16 contact hours.

MNA 1755 WORKING WITH PEOPLE: A COMMUNICATIONS AND LEADERSHIP SEMINAR ..... 1 credit

This course is designed for individuals who direct the work of others or who lead through collaboration, influence, or example. Students will learn to use verbal and nonverbal communication techniques, develop active listening skills, determine how a leader's communication behavior impacts others, and use the communication/leadership connection to build rapport and supportive relationships, and to increase productivity and motivation. 16 contact hours.

MNA 1756 TEAMING UP WITH YOUR BOSS ..... 1 credit

This course is designed to give secretaries and administrative assistants the techniques needed to increase their efficiency, strengthen their working relationship with their supervisor and become a valued team player. Students will learn a variety of techniques for becoming a valued member of the team and for managing their jobs and their careers more effectively. 16 contact hours.

MNA 1757 BUILDING A WINNING TEAM ..... 1 credit

This course is designed to assist managers, team members, and team leaders in developing teams committed to working together toward common objectives. Students will learn the basic principles of team building and practical strategies for putting these principles into action. Students will learn to use their knowledge of individual differences and needs to promote collaboration and creativity and to manage change, conflict, and competition in monocultural, multicultural, and virtual teams. 16 contact hours.

MNA 1758 PROFESSIONAL SELLING ..... 1 credit

This course is designed for both the new and experienced salesperson who wants to use total selling principles, methods and techniques to shape or revitalize his/her selling style. Participants will learn to look for quality prospects efficiently, to use proven techniques for preparing a presentation, to anticipate and overcome objections and to use closing strategies that result in a sale. 16 contact hours.

MNA 1759 MANAGING CHANGE AND CONFLICT ..... 1 credit

This course is designed to provide supervisors and managers with specific techniques for managing change and conflict within a work environment. Students will learn strategies for dealing with resistance to change, how to initiate change and how to provide leadership throughout the change process. Additionally, students will learn techniques for managing themselves and others in conflict situations and learn to use a "win-win" approach for negotiating solutions to disagreements. 16 contact hours.

MNA 1760 CUSTOMER SERVICE II: DEVELOPING EXCEPTIONAL CUSTOMER SERVICE ..... 1 credit

Prerequisite: MNA 1751 or program director approval. This course is designed to develop increased proficiency with the skills and behaviors necessary to deliver quality customer service in even the most difficult situations. Participants will explore and classify levels of customer service, learn the value of consistently exceeding customer expectations, recognize different communication styles customers may have, practice techniques for handling objections and asking for feedback, reinforce active listening skills, and use probing questions to identify additional service opportunities. Participants will also be introduced to basic phone selling skills. 16 contact hours.

MNA 1765 PROFESSIONAL DEVELOPMENT STRATEGIES FOR WOMEN ..... 1 credit

This course is designed to provide women the opportunity to gain the practical knowledge needed to successfully deal with the unique problems and challenges of being a supervisor or manager. Students will learn to use leadership, communication and team building skills to gain control of their careers and achieve success as high performing professionals. 16 contact hours.

MNA 1767 ADVANCED SUPERVISORY TECHNIQUES: A PRACTICAL APPROACH ..... 1 credit

This course covers the practical application of skills and techniques of supervision. Topics emphasized include valuing the unique qualities each person brings to the workplace, managing change, conflict resolution, building high performance teams, and effective negotiating. 16 contact hours.

MNA 1771 CRITICAL SKILLS FOR SUPERVISORS ..... 1 credit

This course provides practical guidance for supervisors who have not had formal supervisor training, as well as new supervisors making the transition from a task orientation to a people orientation. Topics include the technical side of supervision: planning, organizing and, delegating; and the human side of supervision: interpersonal skills, communicating and motivating. 16 contact hours.

MNA 1772 UNDERSTANDING HUMAN BEHAVIOR ..... 1 credit

This workshop is designed to present an overview of human behavior as understood through the value analysis materials developed by Dr. Morris Massey. Students will gain an understanding of factors such as experiences, behavioral patterns and cultural roots that affect the behavior of individuals. Course ex-

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periences prepare participants to apply these new insights to improve working relationships with family and co-workers. 16 contact hours.

MNA 1773 INTERVIEWING AND SELECTING EMPLOYEES ..... 1 credit
This course is designed to assist students with selecting the right person for each job and avoiding the legal problems associated with the interviewing and hiring process. Students will learn proven techniques for gaining maximum information in the interview process and for evaluating information before making a hiring decision. 16 contact hours.

MNA 1774 SUCCESSFUL PERFORMANCE APPRAISAL ..... 1 credit
This course is designed to teach supervisors and managers the basic principles of the professional performance appraisal. Students will learn to use the appraisal process to boost productivity and motivation; to decrease absenteeism and turnover; and to improve work quality, efficiency and job satisfaction. 16 contact hours.

MNA 1781 EFFECTIVE BUSINESS COMMUNICATIONS SKILLS ..... 1 credit
This course focuses on practical application of communication skills. Topics include communication styles, listening and feedback, and interpersonal skills. 16 contact hours.

MNA 1783 DELIVERING EFFECTIVE BUSINESS PRESENTATIONS ..... 1 credit
This course is designed to increase the student's effectiveness in communicating to both large and small groups. Topics include the planning, preparation and delivery of business presentations. 16 contact hours.

MNA 1784 TIME MANAGEMENT FOR INCREASED PRODUCTIVITY ..... 1 credit
This course presents techniques to most efficiently use time in personal and business life. Topics include how to gain control of time, how to deal with crises and interruptions, how to identify time wasters, and how to set priorities. 16 contact hours.

MNA 1788 PROBLEM SOLVING TECHNIQUES ..... 1 credit
This course is designed to assist decision making leaders with the process of solving problems. The student will learn to define the problem, assess the context of the problem, determine an effective solution, and implement that solution. 16 contact hours.

MTB 2103 APPLIED BUSINESS MATHEMATICS ..... 3 credits
Prerequisites: MAT 1033 and CGS 1100. This course deals with specific applied business computational and analytical skills with some computer applications to provide solid preparation for study in accounting, computer and office systems, marketing and management topics. 47 contact hours.

MTG 2206 COLLEGE GEOMETRY ..... 3 credits
Prerequisite: MAT 1033 or appropriate score on the SPC mathematics placement test. This course will emphasize Euclidean geometry and its relationship to logic, trigonometry and coordinate geometry. The problems, proofs, constructions and graphs involve line segments, angles, triangles and other polygons, parallel and perpendicular lines, slopes of lines, circles and similarity. Trigonometry is presented in terms of right triangle relationships; logic is the basis for deductive reasoning in proofs of theorems; and lines and other geometric figures are graphed in the rectangular coordinate system. 47 contact hours.

MUSIC

Taught on St. Petersburg/Gibbs Campus only

St. Petersburg College offers music courses for all the students of the College,

- for those who wish to prepare for a wide range of careers in the music profession,
- for those who seek knowledge of music solely for its cultural/ aesthetic value or,
- for those who want to grow in the enjoyment and discipline of music performance.

The suggested program of study for music majors in this catalog would normally prepare a student to enter a university as a third-year student in various programs leading to a degree in music: applied music, music education, musicology, music theory and composition, church music, and other specialized fields.

MUSIC COURSES

MUC 1101 APPLIED MUSIC COMPOSITION ..... 2 credits
Prerequisite: MUT 1001, or equivalent, and departmental permission. In this course, students practice compositional skills with assignments and projects to demonstrate an understanding of the basic materials, devices, and processes for composing in the small forms. The course is a survey of styles of the major creative movements, with emphasis on twentieth century techniques. One hour private lesson plus one hour seminar class each week.

MUC 1311 STUDIO MUSIC APPLICATIONS ..... 2 credits
Prerequisite: Departmental permission. This course will introduce students to the applications related to studio recording and electronic music production. Sequencing, notation and synthesis techniques will be studied and applied in compositional and arranging assignments. This course may be taken two (2) times for credit. One hour lesson per week plus two hours each week working in the Music Technology Laboratory on assigned projects. 16 contact hours.

MUG 2101 ELEMENTS OF CONDUCTING ..... 3 credits
Prerequisite: MUT 1121 or equivalent. This course is an introduction to the skill and art of musical conducting. Students will develop the physical skills involved with conducting using the baton and hands. Methods of choral and instrumental conducting will be explored and practiced using members of the class as performers as well as existing musical ensembles. Rehearsal preparation and techniques will also be explored. 47 contact hours.

MUH 1110 "G" INTRODUCTION TO MUSIC ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. A general survey of the world's great music and its composers, with emphasis upon the development of intelligent listening. Designed for non-music major. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

MUL 1010 "G" INTRODUCTION TO MUSIC HISTORY ..... 3 credits
Prerequisite: (ENC 0020 and REA 0002) or (EAP 1695) or (satisfactory score on the SPC placement test). This course is designed to acquaint the student with musical styles and their historical backgrounds. It is intended for music majors but open to all students who are able to read music. This course partially satisfies the writing requirements as outlined in the General Education Requirements. 47 contact hours.

MUL 1400 PIANO LITERATURE ..... 3 credits
This course is designed to acquaint the student with literature for the piano and its keyboard predecessors, such as the harpsichord and clavichord. It is open to all students with a background in music who are able to read music fluently. 47 contact hours.

MUN 1120 COLLEGE BAND ..... 1 credit
Audition required. This course is the study and performance of standard band literature. Emphasis is placed on exposure and learning the highest quality literature for winds and percussion through rehearsal and performance. 47 contact hours.

MUN 1210 COLLEGE ORCHESTRA ..... 1 credit
Prerequisite: Audition or permission of instructor. The College Orchestra provides instrumentalists in the College and community an opportunity to perform works representative of a broad spectrum of orchestral literature, refine techniques of ensemble playing, and present concerts each term. Membership is by permission of the director. Music majors who are string players are required to participate. Meets three hours weekly. 47 contact hours.

MUN 1310 COLLEGE CHORUS ..... 1 credit
Open to all students; non-music majors welcomed. The College Chorus is both a training organization and a performance group. Basic techniques of singing are developed through group and sectional rehearsals. This training and the preparation of works for performance, with the experience inherent in this learning process, take precedence. Basic repertoire and rehearsal techniques, valuable tools in the music profession, are also emphasized. May be taken every semester. Three hours weekly.

MUN 1340 MADRIGALIANS ..... 1 credit
Corequisite: MUN 1310. This course is offered as a select choral performance ensemble to those students who have successfully auditioned for the director. Survey and performance of secular

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choral music from the sixteenth century through the twentieth century will be conducted during the semester. Frequent performances. Open to all students; non-music majors welcomed. Three hours weekly.

MUN 1440 PERCUSSION ENSEMBLE ..... 1 credit
Departmental permission. This course is the study and performance of literature in the percussion medium. 32 contact hours.

MUN 1710 JAZZ BAND ..... 1 credit
Audition required. This course is the study and performance of instrumental ensemble music in the jazz and popular medium. 47 contact hours.

MUN 1810 STEEL DRUM ENSEMBLE ..... 1 credit
Prerequisite: Departmental permission required. This course involves the study and performance of percussion literature for the steel drum. 32 contact hours.

MUO 1001 MUSIC THEATRE WORKSHOP ..... 1 credit
Prerequisite: Audition. This course is an analytical study of the elements of musical theatre. The general repertoire will be surveyed to establish an acquaintance with the literature and one or more works will be produced. Emphasis will be placed on resolving the aesthetic problems of music theatre with practical, workable solutions employing materials at hand. 32 contact hours.

MUO 2501 OPERA WORKSHOP ..... 1 credit
Prerequisite: Audition. Analytical study of the elements of lyric theatre. The general repertoire will be surveyed to establish an acquaintance with the literature and one or more works will be produced. Stress will be laid on resolving the aesthetic problems of music theatre with practical, workable solutions employing materials at hand. Two hours weekly.

MUS 1010 STUDENT RECITAL ..... No credit
Corequisite: Applied Music, principal instrument (such as MVK 1311, etc). This course requires attendance and participation in student recitals. Students will attend a workshop in recital etiquette and protocols. Students will participate in performance classes in their respective performing area at least once prior to scheduled recitals. Students will be required to attend all and perform in one of four or five scheduled music recitals each session. 8 contact hours.

MUS 1360 MUSIC AND COMPUTERS ..... 3 credits
Prerequisite: MUT 1001 or equivalent. This course will introduce students to the applications of the computer as a tool to facilitate musical creativity. Students will become acquainted with Musical Instrument Digital Interface (MIDI) and digital recording technology through projects in sequencing, performing, notating, and printing their work. Appropriate software such as Finale, Cakewalk, Cubase and others will be studied and applied in compositional and arranging assignments. 47 contact hours.

MUT 1001 FUNDAMENTALS OF MUSIC ..... 3 credits
This course will enable the students to acquire a thorough working knowledge of those rudiments basic to the pursuit of further study of musical theory and musical performance. It is for those students who are not ready for MUT 1121, MUL 1111, and Applied Music courses. Three hours weekly.

MUT 1121 BEGINNING MUSIC THEORY I ..... 4 credits
Prerequisite: MUT 1001. The fundamentals of musicianship approached through visual and aural analysis. Principles of musical notation, construction of intervals, and formation of triads. Harmony using the diatonic triads, with introduction of nonharmonicism. Elementary exercises in reading at sight and writing from dictation, harmonic and melodic. Five hours weekly.

MUT 1122 BEGINNING MUSIC THEORY II ..... 4 credits
Prerequisite: MUT 1121. A continuation of MUT 1121. Modulation to nearly-related keys. Chords of the seventh. Analysis of basic forms; the phrase and the period, two -part and three-part forms. Five hours weekly.

MUT 2126 ADVANCED MUSIC THEORY I ..... 4 credits
Prerequisite: MUT 1122. This course is a continuation of Beginning Music Theory I. Modulation to remote keys, chords of the ninth and eleventh, and borrowed chords and altered chords are covered. There are advanced problems in reading at sight and writing from dictation, harmonic and melodic. Five hours weekly.

MUT 2127 ADVANCED MUSIC THEORY II ..... 4 credits
Prerequisite: MUT 2126. A continuation of MUT 2126. Analysis of harmony and form from the phrase to large instrumental forms. Basic instrumentation. Arranging and composition in the styles studied. A continuation of aural and visual correlations. Five hours weekly.

MVK 1111 CLASS PIANO I ..... 1 credit
This course is for beginning piano students meeting in groups of six or more. Emphasis is placed on music reading and elementary techniques. This course may be taken 3 times for credit. 32 contact hours.

MVK 1125 POPULAR PIANO TECHNIQUES ..... 1-2 credits
Prerequisite: MUT 1121 or equivalent. This course will be private instruction in contemporary keyboard styles, including Jazz, Pop, Gospel, and Rock. Special emphasis will be given to stylistic harmonization and improvisation. One credit is one-half hour lesson per week. Two credits are one hour lesson per week. 8.5 contact hours or 17 contact hours.

MVK 2121 CLASS PIANO II ..... 1 credit
Prerequisite: MVK 1111. As a continuation of Class Piano I, this course is designed to prepare students to pass minimum piano proficiency requirements in music-major programs. There is special emphasis upon harmonization of melodies, improvisation, and sight-reading. This course may be taken three times for credit. 32 contact hours.

MVK 2621C PIANO PEDAGOGY I ..... 3 credits
Departmental permission required. This course is designed for piano students with an interest in teaching piano. Through a study of methods, repertoire, and technical problems pertaining to private studio teaching, the course offers the student the opportunity to develop teaching skills for the elementary through early intermediate levels. 47 contact hours.

MVV 1111 CLASS VOICE I ..... 1 credit
This course is for singers with no previous vocal study and instrumentalists wishing a fundamental vocal knowledge. Emphasis is on correct diction and tone production. Individual aid is given. This course may be taken 3 times for credit. 32 contact hours.

MVV 2121 CLASS VOICE II ..... 1 credit
Prerequisite: MVV 1111. This course is a continuation of Class Voice I. May be taken 3 times for credit. 32 contact hours.

APPLIED MUSIC COURSES

Lessons in voice or orchestral instruments are required of all music majors. Instruction is offered in voice, piano, organ, strings, woodwind, brass, and percussion instruments. Applied Music courses are also available to students who do not intend to major in music. Students may not earn more than eight hours of Applied Music credit for any one instrument or voice. Music majors must earn 8 hours of credit in the principal instrument or voice and 4 hours of credit in the secondary performing area to be prepared for transfer into a bachelor's degree program.

Every new student (freshman or transfer) interested in majoring in music is required to take a placement audition in Applied Music. The student should make an appointment for the audition by reporting during the initial registration to the office of the program director. If achievement is below the freshman music major level, the student must enroll in the recommended prerequisite courses until prepared for the collegiate series. Credit in the lower series will not apply toward meeting the requirements in the student's principal instrument.

All credit in Applied Music is determined by jury examination. Advancement is determined by the musical development and proficiency of the student.

All music majors are required to perform in a student recital at least once each session and are required to attend scheduled student and faculty recitals as well as large ensemble concerts.

All music majors must register for one large ensemble—College Chorus or College Band—each session. A maximum of four hours of credit toward the A.A. degree may be earned in music organizations. Voice, piano, and organ majors should register for MUN 1310; instrumental majors for MUN 1120. Instrumental majors are urged to register for one of the choral organizations on an audit basis.

APPLIED MUSIC — First Year
(Private Instruction) ..... 1-2 credits
Private instruction for non-music majors or those students below freshman music major level in accomplishment. Credit in this

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series will not count toward the principal instrument requirements for music majors. This course may be taken three (3) times for credit. 1 credit, $120.00 fee per session, one half-hour lesson per week. 2 credits, $240.00 fee per session, two half-hour lessons per week.

MVB 1011-TRUMPET	MVS 1013-CELLO
MVB 1012-HORN	MVS 1014-STRING BASS
MVB 1013-TROMBONE	MVS 1015-HARP
MVB 1014-BARITONE HORN	MVS 1016-GUITAR
MVB 1015-TUBA	MVV 1011-VOICE
MVK 1011-PIANO	MVW 1011-FLUTE
MVK 1013-ORGAN	MVW 1012-OBOE
MVP 1011-PERCUSSION	MVW 1013-CLARINET
MVS 1011-VIOLIN	MVW 1014-BASSOON
MVS 1012-VIOLA	MVW 1015-SAXOPHONE

APPLIED MUSIC — Second Year
(Private Instruction) ..... 1-2 credits
The second year of the above series. This course may be taken three (3) times for credit. 1 credit, $120.00 fee per session, one half-hour lesson per week. 2 credits, $240.00 fee per session, two half-hour lessons per week.

MVB 2021-TRUMPET	MVS 2023-CELLO
MVB 2022-HORN	MVS 2024-STRING BASS
MVB 2023-TROMBONE	MVS 2025-HARP
MVB 2024-BARITONE HORN	MVS 2026-GUITAR
MVB 2025-TUBA	MVV 2021-VOICE
MVK 2021-PIANO	MVW 2021-FLUTE
MVK 2023-ORGAN	MVW 2022-OBOE
MVP 2021-PERCUSSION	MVW 2023-CLARINET
MVS 2021-VIOLIN	MVW 2024-BASSOON
MVS 2022-VIOLA	MVW 2025-SAXOPHONE

Applied Music—Majors—Secondary Instrument

APPLIED MUSIC — First Year
(Private Instruction—Secondary Instrument) ..... 1-2 credit
Private instruction, freshman music major level. May be used for secondary instrument credit. This course may be taken three (3) times for credit. Special fee, $60.00 per credit. One half-hour lesson or one hour lesson per week.

MVB 1211-TRUMPET	MVS 1213-CELLO
MVB 1212-HORN	MVS 1214-STRING BASS
MVB 1213-TROMBONE	MVS 1215-HARP
MVB 1214-BARITONE HORN	MVS 1216-GUITAR
MVB 1215-TUBA	MVV 1211-VOICE
MVK 1211-PIANO	MVW 1211-FLUTE
MVK 1213-ORGAN	MVW 1212-OBOE
MVP 1211-PERCUSSION	MVW 1213-CLARINET
MVS 1211-VIOLIN	MVW 1214-BASSOON
MVS 1212 VIOLA	MVW 1215-SAXOPHONE

APPLIED MUSIC — Second Year
(Private Instruction—Secondary Instrument) ..... 1-2 credit
A continuation of the above series. This course may be taken three (3) times for credit. Special fee, $60.00 per credit. One half-hour lesson or one hour lesson per week.

MVB 2221-TRUMPET	MVS 2223-CELLO
MVB 2222-HORN	MVS 2224-STRING BASS
MVB 2223-TROMBONE	MVS 2225-HARP
MVB 2224-BARITONE HORN	MVS 2226-GUITAR
MVB 2225-TUBA	MVV 2221-VOICE
MVK 2221-PIANO	MVW 2221-FLUTE
MVK 2223-ORGAN	MVW 2222-OBOE
MVP 2221-PERCUSSION	MVW 2223-CLARINET
MVS 2221-VIOLIN	MVW 2224-BASSOON
MVS 2222-VIOLA	MVW 2225-SAXOPHONE

Applied Music—Majors—Principal Instrument

APPLIED MUSIC — First Year
(Private Instruction—Principal Instrument) ..... 2 credits
Private instruction, freshman music-major level. This course may be taken three (3) times for credit. Special fee, $120.00. Two half-hour lessons per week.

MVB 1311-TRUMPET	MVS 1313-CELLO
MVB 1312-HORN	MVS 1314-STRING BASS
MVB 1313-TROMBONE	MVS 1315-HARP
MVB 1314-BARITONE HORN	MVS 1316-GUITAR
MVB 1315-TUBA	MVV 1311-VOICE
MVK 1311-PIANO	MVW 1311-FLUTE
MVK 1313-ORGAN	MVW 1312-OBOE
MVP 1311-PERCUSSION	MVW 1313-CLARINET
MVS 1311-VIOLIN	MVW 1314-BASSOON
MVS 1312-VIOLA	MVW 1315-SAXOPHONE

APPLIED MUSIC — Second Year
(Private Instruction—Principal Instrument) ..... 2 credits
Private instruction, sophomore music-major level. A continuation of the above series. This course may be taken three (3) times for credit. Special fee, $120.00. Two half-hour lessons per week.

MVB 2321-TRUMPET	MVS 2323-CELLO
MVB 2322-HORN	MVS 2324-STRING BASS
MVB 2323-TROMBONE	MVS 2325-HARP
MVB 2324-BARITONE HORN	MVS 2326-GUITAR
MVB 2325-TUBA	MVV 2321-VOICE
MVK 2321-PIANO	MVW 2321-FLUTE
MVK 2323-ORGAN	MVW 2322-OBOE
MVP 2321-PERCUSSION	MVW 2323-CLARINET
MVS 2321-VIOLIN	MVW 2324-BASSOON
MVS 2322-VIOLA	MVW 2325-SAXOPHONE

Applied Music Performance

APPLIED MUSIC PERFORMANCE MAJOR — First Year
(Private Instruction) ..... 3 credits
First year students majoring in music performance; this course my be taken three (3) times for credit. Special fee, $120.00.

MVB 1411-TRUMPET	MVS 1413-CELLO
MVB 1412-HORN	MVS 1414-STRING BASS
MVB 1413-TROMBONE	MVS 1415-HARP
MVB 1414-BARITONE HORN	MVS 1416-GUITAR
MVB 1415-TUBA	MVV 1411-VOICE
MVK 1411-PIANO	MVW 1411-FLUTE
MVK 1413-ORGAN	MVW1412-OBOE
MVP 1411-PERCUSSION	MVW 1413-CLARINET
MVS 1411-VIOLIN	MVW 1414-BASSOON
MVS 1412 VIOLA	MVW 1415-SAXOPHONE

APPLIED MUSIC PERFORMANCE MAJOR — Second Year
(Private Instruction) ..... 3 credits
Second year students majoring in music performance; this course my be taken three (3) times for credit. Special fee, $120.00.

MVB 2421-TRUMPET	MVS 2423-CELLO
MVB 2422-HORN	MVS 2424-STRING BASS
MVB 2423-TROMBONE	MVS 2425-HARP
MVB 2424-BARITONE HORN	MVS 2426-GUITAR
MVB 2425-TUBA	MVV 2421-VOICE
MVK 2421-PIANO	MVW 2421-FLUTE
MVK 2423-ORGAN	MVW 2422-OBOE
MVP 2421-PERCUSSION	MVW 2423-CLARINET
MVS 2421-VIOLIN	MVW 2424-BASSOON
MVS 2422-VIOLA	MVW 2425-SAXOPHONE

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NURSING (R.N.)

Courses Open to Graduate or Registered Nurses. Enrollment must reach at least 15 persons if these courses are to be offered.

NUR 2061C HEALTH ASSESSMENT/ NURSING PROCESS ..... 4 credits

Prerequisite: The student must be a Registered Nurse. The course focuses on the concepts of holistic client care related to history taking, physical assessment and application of the Nursing Process. The course emphasizes identification of alterations from basic norms in functional dimensions across the life span. This course includes opportunities for working with both models in the laboratory and clients in a variety of settings. Six hours weekly (two theory, four lab/clinical).

NUR 2091C INTRAVENOUS THERAPY: BEYOND THE BASICS ..... 3 credits

Prerequisite: The student must be a Registered Nurse. The focus of this course is on the concepts of IV Therapy as it relates to the holistic care of the client across the life span. The course briefly reviews the basic skills of needle insertion and care of insertion sites. Emphasis is placed on advanced IV therapy such as cancer chemotherapy administration, Total Parenteral Nutrition (TPN), critical care and emergency IV push medication administration. Four (4) hours weekly (2 theory, 2 clinical).

NUR 2190 ADVANCED PATHOPHYSIOLOGY ..... 4 credits

Prerequisite: The student must be a Registered Nurse. This course introduces essential concepts and principles of pathophysiology as a foundation to the nursing management of client care. Emphasis is on cellular structure, homeodynamics, physiologic defense mechanisms such as immune and inflammatory responses, pathogenesis, cellular proliferation, and epidemiological concerns. Pathological health alterations are reviewed by body systems. Four hours weekly.

NUR 2191C ADVANCED PHARMACOLOGY IN NURSING PRACTICE ..... 3 credits

Prerequisite: The student must be a Registered Nurse. This course builds upon a basic understanding of the concepts and principles of pharmacology as applied in the nursing management of client care. Emphasis is on application of the nursing process to the care of clients receiving selected pharmaceutical agents requiring additional knowledge and expertise. Three hours weekly.

NUR 2192 CRITICAL THINKING IN THE CLINICAL SETTING ..... 3 credits

Prerequisite: Registered Nurse or student nurse in a nursing program leading to licensure as RN or permission of the faculty. This course is designed to enhance the Registered Nurse's ability to think critically in the clinical setting. Students explore the process of critical thinking and the enhancement of their own critical thinking abilities. Individual and organizational enhancers and barriers to thinking critically are identified. Students gain experience in critical thinking through analysis of a variety of clinical case examples (situations). Three hours weekly.

NUR 2290 EMERGENCY DEPARTMENT NURSING ..... 2 credits

Prerequisite: Registered Nurse or Licensed Professional Nurse status and documented competencies of NUR 2291. The focus of this online course is on the development of knowledge, techniques, and skills needed for the delivery of complex nursing care to clients experiencing health problems requiring immediate medical intervention. 32 contact hours.

NUR 2291 CRITICAL CARE NURSING ..... 3 credits

Prerequisite: Registered Nurse or Licensed Practical Nurse status and documented competencies of NUR 2299. The focus of this online course is the development of knowledge, techniques, and skills needed for the delivery of complex nursing care to clients experiencing health problems requiring critical care interventions. 47 contact hours.

NUR 2293C PERIOPERATIVE NURSING ..... 10 credits

Prerequisite: Registered Nurse or eligibility to write the licensing exam for registered nurses. This course is designed to facilitate the development of highly specialized knowledge, skills, and attitudes pertinent to providing care to clients during the perioperative experience. Classroom and laboratory experience at the college will be augmented by clinical practice in area health care agency operating rooms to enhance development of role as a circulating and scrub nurse. 240 contact hours.

NUR 2297 ECG INTERPRETATION FOR HEALTH CARE PROFESSIONALS ..... 2 credits

Prerequisite: R.N./L.P.N. status or instructor permission. This online course focuses on the essential information necessary for the accurate interpretation of basic cardiac rhythms and 12-lead electrocardiograms. A systematic approach is utilized for the interpretation of cardiac rhythms, their underlying hemodynamic significance, and current treatment modalities. 32 contact hours.

NUR 2299 PROGRESSIVE CARE NURSING ..... 4 credits

Prerequisite: RN or LPN status and documented competencies of NUR 2297. The focus of this online course is the development of knowledge, techniques, and skills needed for the delivery of complex nursing care to clients experiencing health problems requiring progressive care interventions. 62 contact hours.

NUR 2891 LEADERSHIP AND DELEGATION ..... 3 credits

Prerequisite: Registered Nurse, student nurse in a nursing program leading to licensure as RN or permission of the faculty. This course is designed to enhance the Registered Nurse's ability to delegate effectively in the clinical setting. Organizational theories and principles are explored in order to provide a basis for decision making and delegation. The Registered Nurse will obtain a greater understanding of organizational structure and culture as it affects the change process. Skills necessary for effective leadership and delegation will be discussed. The legal/ethical aspects of delegation will be explored. 47 contact hours.

NUR 2937 INTRODUCTION TO RISK MANAGEMENT ..... 1 credit

Prerequisite: The student must be a Registered Nurse. This course is designed to enhance the Registered Nurse's understanding of the concept of risk management, the components and activities of a risk management program, and nursing's unique role in risk management. High risk areas or categories within the hospital setting are identified. Key behaviors in handling complaints are discussed. The importance of documentation is included. 17 contact hours.

The following courses are for students in the A.S. degree program.

NUR 1001 ORIENTATION TO TECHNICAL NURSING THERAPY ..... 4 credits

Prerequisites: Admission to the Nursing program and BSC 1086, BSC 1086L. Corequisites: NUR 1001C and NUR 1060C. This course content focuses on role transition from LPN to RN and concepts and principles of holistic nursing care of adult clients and childbearing families. Focus is on the continued development of roles of the nurse through the assimilation of theoretical concepts and use of the nursing process for providing care to adult clients and childbearing families who are experiencing commonly recurring actual or potential threats to homeodynamics. Theory relates to managing care of clients who are experiencing alterations in the functional dimensions of health in both hospital and community settings. This course meets for 60 hours during the session. 62 contact hours.

NUR 1001C ORIENTATION TO TECHNICAL NURSING THERAPY CLINICAL EXPERIENCE ..... 2 credits

Co-requisite: NUR 1001. The course content focuses on role transition from LPN to RN and concepts and principles of holistic nursing care related to the care of adult clients and childbearing families. Focus is on the continued development of the roles of the nurse through the assimilation and application of theoretical concepts and use of the nursing process in providing care to adult clients and childbearing families who are experiencing commonly recurring actual or potential threats to homeodynamics. Selected advanced nursing skills are introduced. Emphasis is placed on managing the care of clients who are experiencing alterations in the functional dimensions of health in hospital and/or community settings. The student is expected to be able to manage a select number of clients while continuing to develop other nursing roles. This course contains a number of critical behaviors, including medication administration, that must be performed without error by the end of the course to successfully pass the course. (This course meets for 92 clinical and laboratory hours.) 92 contact hours.

NUR 1021 NURSING I ..... 3 credits

Prerequisite: Admission to Nursing program. Corequisite: NUR 1021L. Pre- or corequisites: BSC 1086/1086L, PSY 1012. This

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course introduces concepts and principles of holistic nursing care. Theory content includes an introduction to understanding a person as a holistic being; the hospitalized adult patient's responses to actual or potential threats to homeodynamics, and the registered nurse's roles to effect or alter client's responses; and an introduction to the helping relationship. Emphasis is also placed on care of the elderly in hospitals and community settings. The nurse's role as provider of care is emphasized. 47 contact hours.

NUR 1021L NURSING I CLINICAL EXPERIENCE ..... 6 credits
Prerequisites: Admission to Nursing Program. Corequisite: NUR 1021. This clinical experience is an introduction to the roles of the nurse in applying the fundamentals of holistic nursing care, through utilization of the nursing process, to adult clients with emphasis on the nurse as provider of care. Critical thinking will be fostered through a variety of in-class exercises which promote the analysis of data and the development of a nursing care plan. Psychomotor skills required of the nurse are introduced. This includes a short didactic for each skill being introduced, a demonstration of the skill, a time for practice with feedback from the instructor, and testing for mastery of the skill. Clinical experiences include hospitals and nursing homes. The student will be required to submit a portfolio of specified information to be maintained until graduation. This course contains a number of critical behaviors, including medication administration, that must be performed without error by the end of the course to successfully pass the course. Course meets for 272 hours either in campus lab or in clinical settings.

NUR 1022C NURSING SKILLS ..... 2 credits
Pre- or corequisites: Admission to Nursing Program, BSC 1086, BSC 1086L, PSY 1012. Corequisites: NUR 1021. This course introduces the psychomotor skills required of a nurse. The class includes a short didactic for each skill being introduced, a demonstration of the skill, a time for practice with feedback from the instructor, and testing for mastery of the skill. The nurse's role of provider of care is emphasized. Course meets for 60 hours in the on-campus lab.

NUR 1060C NURSING PROCESS/PHYSICAL ASSESSMENT ..... 2 credits
Prerequisite: Admission to Nursing Program. Corequisite: NUR 1001. This course is a foundation course which introduces the student to the concept of holistic nursing care through the effective use of the nursing process. The student will apply all steps of the nursing process with particular emphasis on completing a health history and physical assessment. Critical thinking will be fostered through a variety of in-class exercises which promote the analysis of data and the development of a nursing care plan. The student will be required to set up a portfolio of specified information to be maintained until graduation. This course contains a number of critical behaviors that must be performed without error by the end of the course to successfully pass the course. Course meets for 60 hours in the on campus lab.

NUR 1142C APPLICATION OF PHARMACOLOGY CONCEPTS IN NURSING THERAPY ..... 1 credit
Corequisites: NUR 1211, NUR 1211L. This course introduces essential concepts and principles of pharmacology as applied in the nursing management of client care. Emphasis is on application of the nursing process to the care of clients receiving pharmaceutical agents. The knowledge and skills required for safe, effective administration of therapeutic drugs are an integral part of this course. Satisfactory completion of this course is required for progression in the nursing program. This course contains a number of critical behaviors including medication administration, that must be performed without error by the end of the course to pass the course. 32 contact hours.

NUR 1211 NURSING II ..... 3 credits
Prerequisites: NUR 1021, NUR 1021L. Corequisites: NUR 1211L, NUR 1142C. This course presents concepts and principles related to the holistic nursing care of adult clients and childbearing families. Focus is on the continued development of the roles of the nurse through the assimilation of theoretical concepts and use of the nursing process in the care of adult clients and childbearing families who are experiencing commonly recurring actual or potential threats to homeodynamics. Theory relates to managing the care of clients who are experiencing alterations in the functional dimensions of health in both hospital and community settings. 47 contact hours.

NUR 1211L NURSING II CLINICAL EXPERIENCE ..... 6 credits
Prerequisites: NUR 1021, NUR 1021L. Corequisite: NUR 1211, NUR 1142C. This clinical course provides opportunities to apply the principles related to the holistic nursing care of adult clients and childbearing families. Focus is on application of the theoretical concepts and use of the nursing process in providing care to adult clients and childbearing families who are experiencing commonly recurring actual or potential threats to homeodynamics. Emphasis is placed on managing the care of clients who are experiencing alterations in the functional dimensions of health in both hospital and community settings. The student is expected to be able to manage a select number of hospitalized clients while continuing to develop other nursing roles. Selected advanced nursing skills are introduced. This course contains a number of critical behaviors, including medication administration that must be performed without error by the end of the course to successfully pass the course. (This course meets for 272 clinical hours over the course of the session.) 272 contact hours.

NUR 1940L CLINICAL PRACTICUM ELECTIVE ..... 4 credits
Prerequisite: Faculty approval. This course provides the student with additional opportunities to practice previously acquired clinical skills and learn a limited number of new skills in selected hospital settings with supervision by both faculty and clinical practitioners. Focus is on the application of nursing therapies, the nursing process and nursing care of hospitalized adults with common, recurring, uncomplicated health alterations. Directed study is provided by faculty to meet course objectives. Enrollment limited. Total of 120 clinical laboratory hours to be arranged. The course may be repeated for credit for up to eight credits. 120 contact hours.

NUR 2150C PSYCHOSOCIAL NURSING ..... 1 credit
Prerequisites: NUR 1211L and NUR 1142C or NUR 1001 and NUR 1001C. Corequisite: NUR 2462L. This course presents principles and practices related to the holistic nursing care of clients and their families across the life span. The course focuses on the continued development of the nursing process and builds on psychosocial concepts incorporated in NUR 1021L and 1211L. Concepts in this course include the helping relationship, family dynamics, crisis intervention and specific nursing therapies related to various psychosocial needs of clients and families in all nursing settings. This course contains a number of critical behaviors, including medication administration, which must be performed without error by the end of the course to successfully complete this course. 30 contact hours.

NUR 2462 NURSING III ..... 3 credits
Prerequisites: NUR 1211, NUR 1211L and NUR 1142C or NUR 1001/1001C. Corequisite: NUR 2462L. This course presents concepts and principles related to the nursing care of childrearing families and adult clients who are experiencing complex alterations in the functional dimensions of health. Focus is on the continued development of the roles of the nurse through the assimilation and application of theoretical concepts and use of nursing process in the care of child-rearing families and adult clients. Emphasis is on actual and potential threats to homeodynamics. 47 contact hours.

NUR 2462L NURSING III CLINICAL EXPERIENCE ..... 6 credits
Prerequisites: NUR 1211, NUR 1211L and NUR 1142C or NUR 1001 and NUR 1001C. Co-requisite: NUR 2462 and NUR 2150C. This clinical course provides opportunities to apply the concepts and principles related to the nursing care of child rearing families and adult clients experiencing complex alterations in the functional dimensions of health. Focus is on development of the roles of nursing through the application of theoretical concepts and nursing process in providing care to child-rearing families and adult clients. Emphasis is on actual or potential threats to homeodynamics. Selected advanced nursing skills are introduced and previous nursing skills must be adapted for use in the treatment of children. Management of the nursing care of child-rearing families and adult clients in both hospital and community settings is emphasized. A variety of clinical and community settings are used to further develop nursing roles. This course contains a number of critical behaviors, including medication administration, that must be performed without error by the end of the course to successfully complete this course. (This course meets for 272 clinical hours over the course of the session.) 272 contact hours.

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NUR 2731 NURSING IV ..... 3 credits
Prerequisites: NUR 2462 and NUR 2462L, MCB 2010 and MCB 2010L and any approved Ethics course. Corequisite: NUR 2731L. This course focuses on assimilation and synthesis of the concepts and principles of holistic nursing theory related to a group of clients experiencing complex or potentially life threatening problems. Content emphasizes principles of holistic care of the chronically, critically and terminally ill clients of various ages throughout the life span and their significant others in the hospital setting and as adapted to the care of clients in community based health care settings. Knowledge, skills and behaviors of the entry level registered nurse, including management and leadership skills are addressed. Competencies/Roles of the associate degree nurse upon graduation are evaluated. 3.75 hours weekly for 12 weeks for a total of 47 contact hours.

NUR 2731L NURSING IV CLINICAL EXPERIENCE ..... 5 credits
Prerequisite: NUR 2462L and STA 2023. Co-requisite: NUR 2731. The focus is on application of holistic nursing concepts and principles related to care of a group of patients with potentially life threatening problems. Clinical experiences take place in hospitals and community settings. Selected advanced nursing skills are introduced, including but not limited to administration of intravenous medications and blood transfusions. Demonstration of roles and competencies of the associate degree graduate nurse at entry level are expected. This course contains a number of critical behaviors, including medication administration, that must be performed without error by the end of the course to successfully pass the course. (This course meets for 225 clinical and laboratory hours.) 225 contact hours.

NUR 2810C NURSING CARE MANAGEMENT PRACTICUM ..... 4 credits
Prerequisite: NUR 2731L. The focus is on application of holistic nursing concepts and principles related to care of a group of patients with potentially life threatening problems. Clinical experiences may take place in hospitals or a variety of community settings. Demonstration of roles and competencies of the associate degree graduate nurse at entry level are expected. This course is essential for the successful transition from the role of student nurse to that of graduate nurse/registered nurse. This course contains a number of critical behaviors, including medication administration and all aspects of client safety, that must be performed without error by the end of the course to successfully pass the course. There will be 120 clinical hours over three weeks. The student will be placed with a Registered Nurse Preceptor and the student's clinical schedule will match the preceptor's schedule.

NUR 2813 ROLE TRANSITION IN NURSING ..... 1 credit
Co-requisite: NUR 2731. This course facilitates the transition from student nurse to professional nurse. The course includes the concepts of success in the following areas: National Council of Licensing Examiners (NCLEX), job search, dealing with reality shock in the workplace, management of workplace issues, resolution of legal/ethical/diversity issues, delegation, conflict resolution, and reduction of nursing practice errors. 17 contact hours

NUR 2892C NURSING SPECIALTY CLINICAL EXPERIENCE ..... 2 credits
Prerequisite: NUR 1021/1021L or permission of the instructor. This course is an individualized nursing specialty clinical experience designed to meet a special nursing therapy interest area proposed by the student. The experience is open to currently enrolled nursing students or with permission of the instructor. The instructor will provide advanced learning resources and guidance. The student will work with a clinical associate in the selected specialty area. Student will also meet weekly with the instructor who will coordinate the experience with the clinical associate. This course may be repeated for a maximum of 6 credits. 62 contact hours.

OCB 1000C BIOLOGY OF MARINE LIFE ..... 3 credits
Prerequisite: (ENC 0020 and REA 0002) or EAP 1695, and MAT 0024, or appropriate scores on the SPC placement tests. Biology of Marine Life is designed to provide the non-science major student with an understanding of basic biological principles using marine organisms as examples. The focus is on functional interactions at the cellular, organismal and community levels. The laboratory component will apply concepts through direct observations and experiments using the diversity of organisms in and from our local marine environment. (This course may not be taken for credit subsequent to receiving a grade of "C" or better in any course with a BSC prefix.) Five hours weekly.

OCE 2001 INTRODUCTION TO OCEANOGRAPHY ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, and MAT 0024. This course is a study of the ocean and survey of basic principles and procedures of physical, biological, chemical and geological oceanography. 47 contact hours.

OCE 2001L OCEANOGRAPHY LABORATORY ..... 1 credit
Pre- or corequisite: OCE 2001. This laboratory course introduces the student to basic principles of physical, geological, chemical, and biological oceanography. Topics will include the analysis of ocean basin features, properties of seawater, the physical properties driving ocean currents, identification of marine organisms, and other related items. This laboratory will include field trips. 47 contact hours.

ORI 2000 ORAL INTERPRETATION OF LITERATURE ..... 3 credits
Prerequisite: REA 0002 or EAP 1695 or an appropriate score on the placement test. This course will develop an understanding of literature and will enhance the ability communicate a variety of types of poetry, prose, and drama from the printed page. Through practice and experiences, students will acquire skills that will be used in all types of oral communications. 47 contact hours.

OST 1100 KEYBOARDING I ..... 3 credits
This course is a study of the touch system in computer keyboarding/document processing and the application of the basic skills to business letters, reports, and tabulated problems. (Students who have satisfactorily completed one year of high school typewriting/keyboarding should enroll in OST 1110.) 47 contact hours.

OST 1110 KEYBOARDING II ..... 3 credits
Prerequisite: OST 1100 or one year of high school typewriting/keyboarding. This course is a continuation of OST 1100, emphasizing advanced keyboarding skills in the production of documents and developing the ability to increase keyboarding skills. (Students who have satisfactorily completed two years of high school typewriting/keyboarding should enroll in OST 2641-Data Transcription or OST 1714 – Information Processing Applications I.) 47 contact hours.

OST 1141 KEYBOARDING FOR INFORMATION PROCESSING ..... 1 credit
This course enables a student to develop a basic understanding of the touch system in computer keyboarding. Covered will be the skills needed for use on computer keyboards used daily in business, industry, government and education sectors. 16 contact hours.

OST 1339 BUSINESS WRITING REVIEW ..... 1 credit
This course is a practical review, update, and application of grammar, spelling, punctuation, and sentence structure, as well as of proper formatting for business communication. It is designed especially for the office worker or business professional who needs a review of these basic skills. 16 contact hours.

OST 1500 KEY SKILLS FOR ADMINISTRATIVE AND SUPPORT SERVICES STAFF ..... 1 credit
This course is designed for secretaries, administrative assistants and support staff to strengthen their relationship with their supervisors, their internal customers, and their external customers. Students will learn techniques in business management, time management, communication skills, building collaborative relationships, problem solving and self-analysis of job performance. These learned techniques will assist the students in managing their jobs and careers more effectively. 16 contact hours.

OST 1714 INFORMATION PROCESSING APPLICATIONS I ..... 3 credits
Prerequisite: OST 1100 or equivalent. This course develops the skills, including composition and formatting skills, necessary to use current word processing software and equipment in a Windows environment. 47 contact hours.

OST 1718 INFORMATION PROCESSING APPLICATIONS II ..... 3 credits
Prerequisite: OST 1714 with at least a "C" grade. This course is a continuation of OST 1714, including further development of com-

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position and formatting skills. It will provide specialized training on advanced applications and features utilizing current word processing software. 47 contact hours.

OST 1741 MICROCOMPUTER WORD PROCESSING I ..... 1 credit
This course is designed to introduce the student to the basic skills necessary to use word processing software on a microcomputer. Students will learn to create, edit, format, save, and print documents. Students should have basic keyboarding skills and knowledge of the Windows environment before beginning this course. The course may be repeated two times for up to three credits; it may be repeated only in sections offering different software. 16 contact hours.

OST 1742 MICROCOMPUTER WORD PROCESSING II ..... 1 credit
This course will include the study of advanced word processing techniques using a microcomputer. Topics covered will include enhancing the visual display and presentation of documents. The course may be repeated two times for up to three credits; it may be repeated only in sections offering different software. 16 contact hours.

OST 1793 INTERNET ORIENTATION ..... 1 credit
This course develops the skills necessary to exchange information electronically and will specifically examine the use of technology. Included in the practical application of this course will be software related to web-browsers, electronic mail, file transfer protocol (FTP), bulletin boards, data communications, research, commercial transaction services, commercial communications services, Intranet, and file servers. 17 contact hours.

OST 1810 DESKTOP PUBLISHING I ..... 1 credit
A student should have a basic understanding of word processing before registering for this class. This course is designed to acquaint the student with appropriate page layout and design software on a microcomputer to produce professionally published documents. This course includes a discussion of basic design principles, as well as various desktop publishing software applications and hardware used in the field. The course may be repeated five (5) times for a total of six (6) credits if different software is used. 16 contact hours.

OST 1812 DESKTOP PUBLISHING II ..... 1 credit
This is an advanced course designed to provide the student with opportunities to expand basic knowledge of page layout and design software on a microcomputer to produce documents. The student will combine the elements of advanced software techniques and industry standards to efficiently produce high-quality printed documents. This course may be repeated up to five (5) times (total 6 credits) with a different version of the software which has a substantial or significant change. 16 contact hours.

OST 2335 PROFESSIONAL COMMUNICATION SKILLS ..... 3 credits
This course is a rapid review of basic principles of English composition; speaking and listening skills, study of stylistic qualities demanded in the best modern business writing; extensive reading, analysis, and construction of the common types of business letters and reports. This course has a substantial writing requirement. 47 contact hours.

OST 2402 ADMINISTRATIVE OFFICE PROCEDURES ..... 3 credits
Pre- or corequisite: OST 1110 or equivalent. This course covers development of performance and personality traits for the administrative assistant with emphasis on human relations and effective communications. Also discussed are office problems, administrative assistant duties and responsibilities, and supervisory skills. Topics include travel arrangements, telephone techniques, handling mail, bookkeeping and records management. 47 contact hours.

OST 2641 DATA TRANSCRIPTION ..... 1 credit
Prerequisite: OST 1110 or 2 years of high school keyboarding. This course is designed to develop the ability to produce mailable transcripts with accuracy and speed from prerecorded materials. 16 contact hours.

PEL 2211 SOFTBALL ..... 1 credit
This course includes instruction in the history, rules and skills of softball. Emphasis will be placed on the slow pitch game. Opportunity to participate in intra-class league play will be presented. 32 contact hours.

PEL 2321 VOLLEYBALL I ..... 1 credit
This course includes instruction in volleyball history, rules and skills. Treatment of offensive and defensive patterns will be stressed. League play will be provided on an intra-class basis. 32 contact hours.

PEL 2341 TENNIS I ..... 1 credit
This course is an instruction in skill techniques, history, rules and social and physical values of tennis with the opportunity to improve previously acquired skills. 32 contact hours.

PEL 2342 TENNIS II ..... 1 credit
Prerequisite: PEL 2341 or permission of program director. This course is a continuation of tennis skill practice. Emphasis is on strategy. Singles and doubles tourney play. 32 contact hours.

PEL 2621 BASKETBALL ..... 1 credit
This course includes instruction in basketball skills, history and rules. Emphasis will be placed on offensive and defensive skills. Team strategy will be developed in the offensive and defensive area. 32 contact hours.

PEM 1102 BASIC CONDITIONING ..... 1 credit
This course is an instruction in principles of weight training and aerobic exercise. The emphasis is on muscular strength development and cardiovascular endurance. The course can be taken twice for credit. 32 contact hours.

PEM 1142 ADVANCED AEROBICS HEAVY HANDS ..... 1 credit
This course provides instruction in advanced techniques of aerobics. The students' cardiovascular systems will be improved by aerobic activities utilizing heavy hands. By incorporating handheld free weights into a low-impact aerobic workout, participants will realize greater muscular strength and endurance, greater cardiovascular exercise capacity and an increased rate of caloric expenditure than would have been gained from low-impact aerobics alone. Significantly, low-impact aerobics with free weights provides an important alternative to high-impact aerobics by increasing the upper-body work load and minimizing the impact on the lower body. 32 contact hours.

PEM 1171 AEROBIC DANCE ..... 1 credit
This course is a fitness activity that combines principles of dance, calisthenics and aerobics. This program is based on the principle of continuous movement. 32 contact hours.

PEM 1177 PILATES PLUS ..... 1 credit
This course covers three modalities of wellness: Pilates, kickboxing and resistance work. The main concentration will be on Pilates. The Pilates method emphasizes the core, building the abs, the lower back and buttocks to enhance muscle balance. Pilates improves coordination, joint mobility, balance, alignment and poor postural habits. The fitness principles of muscular strength, endurance, flexibility, cardiovascular endurance and body composition will be emphasized in each of these modalities. Additional assessment and management of nutritional habits will be emphasized. Each technique will be illustrated by the instructor at various levels of competency, i.e., beginners, intermediate and advanced. Music will be used to accompany the choreography of each modality as well as other fitness props. This course may be repeated for a total of 5 credits. 17 contact hours.

PEM 2131 WEIGHT TRAINING ..... 2 credits
This course is a study of the principles of weight training. The primary emphasis is to increase skeletal muscular strength. General fitness improvement is also involved. 47 contact hours.

PEM 2145 JOGGING AND DISTANCE WALKING ..... 1 credit
This course is the study and practice of walking, jogging, running and its effects on body systems. Emphasis is on cardiopulmonary training; secondary emphasis is on general fitness. 32 contact hours.

PEN 2136 SKIN AND SCUBA DIVING ..... 2 credits
This is a swimming course designed to teach the techniques of safe skin and scuba diving. Successful completion of this course qualifies students for nationally recognized certification. Physical examination, liability release and special equipment fee are required. 64 contact hours.

PEN 2137 ADVANCED SCUBA DIVING ..... 2 credits
Prerequisite: PEN 2136 or previous certification in a nationally recognized scuba certification program. This course is designed to enable students to practice advanced scuba techniques suitable for various open water diving experiences. 64 contact hours in eight weeks.

PET 2622 SPORTS MEDICINE/ ATHLETIC TRAINING ..... 3 credits
This course covers the prevention, detection, correction and rehabilitation of sports and athletic injuries will be covered. Practical rehabilitation will be under the supervision of a certified athletic trainer. 47 contact hours.

PGY 2000 HISTORY OF PHOTOGRAPHY ..... 3 credits
This is a course in which the student will research and explore early photographic processes, various trends, and their applications. The student will examine the technological evolution on photography and the impact of this progressive visual medium on the growth, culture, and communication in the world today. The emphasis will be on the inventors, entrepreneurs, artists, and the network they formed which provided the foundation on which the visual syntax in all art changed and expanded expression throughout the 20th century. 47 contact hours.

PGY 2110C COLOR PHOTOGRAPHY ..... 3 credits
Prerequisite: PGY 2410C or portfolio review by instructor. Color photography includes the study of various color films, lighting, correction filters, processing and presentation of various types of color film and paper. Six hours weekly.

PGY 2201C PHOTOGRAPHY STUDIO LIGHTING ..... 3 credits
Prerequisite: PGY 2401C. This is a course in which students will research and explore various lighting techniques used in photography to enhance the composition of the subject matter. Students will examine technical aspects involved in working with lighting equipment and the impact this visual application is having on the growth, culture, and communication in the world today. The emphasis will be a "hands on" approach working with other students, models and potential clients in single and group portraiture situations. Students will become better acquainted with lighting used in product, advertising, and specialty photography which has expanded the visual syntax in all visual forms of expression and communication throughout humanity. Six class and laboratory hours weekly.

PGY 2401C PHOTOGRAPHY I ..... 3 credits
This course presents the fundamentals of black and white photography, as well as digital imaging. The course includes the study of camera operation, exposure control, film processing, printing the positive, print finishing, and presentation. Students will examine digital imaging through the use of digital cameras and the conversion of conventional photography to electronic images. Through weekly assignments, emphasis is placed on photography's use as a medium of personal expression. 92 contact hours.

PGY 2410C INTERMEDIATE PHOTOGRAPHY ..... 3 credits
Prerequisite: PGY 2401C. In Intermediate Photography the student deals with advanced problems in refinement of the silver print and the development of visual acuity, perception, and aesthetic sensibilities, as well as with advanced technical problems. Advanced problems include controlling various manipulative techniques obtainable through the camera and in the darkroom such as multiple exposures, multiple negatives, negative blends, orthochromatic process, infrared film, etc. Additional emphasis is placed on photography's application to other fields including journalism, business, and industry. Six class and studio hours.

PGY 2470C THEMES FOR PHOTOGRAPHERS ..... 3 credits
Prerequisite: PGY 2401C. This course is designed for students who have already acquired basic technical knowledge of photography. This individualized course provides students the opportunity to explore and develop their own thematic approach to communicating through photography. (May be repeated once for credit.) Six class and laboratory hours weekly.

PGY 2801 DIGITAL PHOTOGRAPHY ..... 3 credits
Prerequisite: PGY 2401C. This course is designed for students to evolve on an individual and group basis toward the creative utilization of technology. The program takes an interdiscipline approach to experimental application of new technologies associated with photography and its impact on the culture, visual expression and communications in the world today. Students will examine digital imaging through the use of digital cameras and how conventional photographs can be converted to electronic images by various scanning methods. Students will explore how the electronic image can be printed using traditional processes and the advantages of both electronic and conventional methods. The emphasis will be a hands on approach working with other students in an equipped photographic and electronic laboratory designed to provide an environment for creative activity which reflects the inherent flexibility of digital and conventional technologies and how this medium has expanded the visual syntax in all forms of expression. 92 contact hours.

PGY 2801C DIGITAL IMAGING ..... 3 credits
Prerequisite: GRA 2100C and PGY 2401C or permission of instructor. This is a computer-based course designed to develop the students' skills in digital image editing. Students will learn through the use of the computer how to create, edit and manipulate digital images from scanned photographs and artwork. Students will utilize retouching techniques to modify, enhance, and reshape images, apply special effects, adjust color balance, do file management, and prepare their work for print output and electronic presentation. 92 contact hours.

PHH 1603 20TH CENTURY TRENDS IN PHILOSOPHY ..... 3 credits
This course surveys contemporary trends in philosophy, including such schools of thought as Pragmatism, Critical Realism, New Realism, Analytic Philosophy, Logical positivism, Existentialism, Phenomenology, and Philosophical Hermeneutics. Dominant emphasis is on the special features of 20th Century thought, such as the move from anti metaphysical perspectives at the beginning of the century to a new way of addressing these traditional issues at the end. This course has a substantial writing requirement. 47 contact hours.

PHI 1010 "G" INTRODUCTION TO PHILOSOPHY ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the placement test. This introductory survey of the perennial issues in human existence provides a rich evaluation of life's meaning. A critical examination is conducted of the fundamental assumptions, terminology, and schools of thought addressing the issues in metaphysics, epistemology and axiology (ethics and aesthetics). Discussion as well as lecture will focus on both classical and contemporary readings, such as Plato, Aristotle, Augustine, Acquinas, Descartes, Locke, Berkeley, Hume, Kant, Nietzsche, Wittgentein and Sartre. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

PHI 1100 INTRODUCTION TO LOGIC ..... 3 credits
Prerequisite: MAT 0024 or satisfactory score on the placement test. This course introduces the student to the basic features of inductive and deductive logic along with critical reasoning and informal argument. Extensive practice is provided in applying the principles which determine whether an argument is valid or invalid. In addition, there is an assessment of the structure of ordinary language and informal reasoning. 47 contact hours.

PHI 1600 "G" STUDIES IN APPLIED ETHICS ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695 or appropriate score on the SPC placement test. This course is a practical overview of key issues, questions and concepts in applied ethics. Special emphases are placed on the historical development of ethical thinking, a variety of ethical approaches and on multicultural aspects of ethics. Students will also examine a variety of personal, social and professional ethical issues and problems and learn methods of resolving them through the use of critical thinking skills, sound ethical reasoning and legal and professional codes. Students are provided an active learning experience, increased student interaction and opportunities for independent research into ethical issues of personal interest. This course has a substantial writing requirement. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both PHI 1600 and any of the following courses: PHI 1603, PHI 1602H, PHI 1631, PHI 2621, PHI 2622 or PHI 2649. 47 contact hours.

PHI 1602H "G" HONORS STUDIES IN APPLIED ETHICS ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695 or appropriate score on the SPC placement test. This course is designed to provide the academically gifted student an analytical

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approach to understanding and resolving ethical issues confronting an individual in today's society. Emphasis is placed on understanding the historical development of ethical thinking, critical analysis of a wide variety of ethical theories representative of major themes of ethical philosophy, ethical issues, and evaluation of multicultural and historical aspects of ethics. Students will also use logical reasoning, critical thinking skills, and resources such as legal and professional codes to evaluate differing points of view on a wide variety of ethical issues, and to synthesize personal opinions. The seminar format encourages individual and collaborative effort, independent research, and verbalization of concepts. Enrollment is limited to students who are approved to take honors courses at the College. This course has a substantial writing requirement. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both PHI 1602H and any of the following courses: PHI 1600, PHI 1603, PHI 1631, PHI 2621, PHI 2622 or PHI 2649. 47 contact hours.

PHI 1603 APPLIED ETHICS ..... 2 credits
"G"
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695 or appropriate score on the SPC placement test. This course is a practical approach to recognizing, understanding and solving ethical problems confronting individuals in today's society. Students will be introduced to basic concepts in applied ethics and selected ethical theories representing main themes in moral philosophy. Students will also examine a variety of ethical dilemmas, and will practice resolving such through ethical reasoning, as well as by reference to legal and professional codes. Emphasis will be placed on the development of skills necessary for critical thinking and responsible decision making. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both PHI 1603 and any of the following courses: PHI 1600, PHI 1602H, PHI 1631 or PHI 2649. 32 contact hours.

PHI 1631 STUDIES IN
"G" PROFESSIONAL ETHICS ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695 or appropriate score on the SPC placement test. This course is a practical approach to recognizing, understanding and resolving ethical problems confronting individuals in a global business environment. Students will review the historical development of ethics, and learn to apply logic, critical thinking, and decision-making skills to a variety of ethical dilemmas arising in business, economic and governmental settings. Students will learn methods of resolving such dilemmas through the use of statutory, corporate and professional codes, as well as through ethical reasoning. Emphasis will be placed on logical analysis, critical thinking and responsible ethical decision-making. This course has a substantial writing requirement. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit will not be given for both PHI 1631 and any of the following courses: PHI 1600, PHI 1603, PHI 1602H, PHI 2621, PHI 2622, or PHI 2649. 47 contact hours.

PHI 2103 CRITICAL THINKING
AND DECISION MAKING ..... 3 credits
This course is designed to help students develop skills needed to assess claims, inferences, and value judgements encountered in a variety of situations. The focus will deal with assessing credibility and extracting information and will present question-asking skills necessary for critical thinking. 47 contact hours.

PHI 2540 THINKING ABOUT DEATH ..... 3 credits
This course examines the significance of death from early thinkers to contemporary assessments. Such issues as how one's own death affects life choices, the possibility of survival of death, near death experiences, the implications of technology being able to eliminate physical death, the terror and attraction of death, etc., will be studied. 47 contact hours.

PHI 2621 APPLIED ETHICS II ..... 1 credit
Prerequisite: PHI 1603. This course is designed to meet the needs of the student who has initially completed Applied Ethics (2 credits) but needs Studies in Professional Ethics (3 credits). This course is a practical approach to recognizing, understanding and solving ethical problems confronting individuals in today's society. Students will learn concepts in applied ethics and selected ethical theories, which represents additional main themes in moral philosophy. Emphasis will be placed on the development of skills necessary for critical thinking and responsible decision making. Credit will not be given for both PHI 2621 and any of the following courses: PHI 1600, PHI 1602H, PHI 1631, PHI 2622, or 2649. 17 contact hours.

PHI 2622 PROFESSIONAL APPLIED
ETHICS ..... 1 credit
Prerequisite: PHI 1603. This course is designed to meet the needs of the student who has initially completed Applied Ethics (2 credits) but needs Studies in Professional Ethics (3 credits). This course is a practical approach to recognizing, understanding and solving ethical problems confronting individuals in today's society, with particular emphasis on business. Students will learn concepts in applied ethics and selected ethical theories which represent additional main themes in moral philosophy. Emphasis will be placed on the development of skills necessary for critical thinking and responsible decision making in business. Credit will not be given for both PHI 2622 and any of the following courses: PHI 1600, PHI 1602H, PHI 1631, PHI 2621, or PHI 2649. 17 contact hours.

PHI 2624 ETHICS IN POPULAR CULTURE
AND ENTERTAINMENT ..... 3 credits
Prerequisite: PHI 1600, PHI 1602H, PHI 1603, PHI 1631, or PHI 2649. This course is a study of the fundamental concepts of classical and modern approaches to moral reasoning as identified in various forms of popular culture and entertainment. A review of fundamental ethical definitions and concepts, elements of critical thinking and logic, and classical and contemporary approaches to moral reasoning will precede the examination and analysis of selected forms of popular culture and entertainment. The analysis phase will consist of an examination of the selected materials with a view to identifying the presence of issues and dilemmas of moral significance. Fictional and historical characters will then be assessed as to their critical thinking processes and their approaches to the resolution of moral dilemmas. 47 contact hours.

PHI 2630 DISCOVERING YOUR
PERSONAL ETHICS ..... 2 credits
Prerequisite: PHI 1600, PHI 1603, PHI 1602H, PHI 1631, or PHI 2649. This course explores possible answers to the ancient, yet still relevant, question, "What is a good life?" Major ethical principles from philosophers throughout history are evaluated, and then exemplified in the lives, achievements, and words of important historical figures representing a variety of disciplines, cultures, nations, and religions. Conducted in a seminar format, the course emphasizes the roles of reason, critical thought, self-analysis and personal application in the development of a morally mature life. 32 contact hours.

PHI 2635 HEALTH CARE
ETHICS APPLIED ..... 3 credits
Prerequisites: (REA 0002 and ENC 0020) or (EAP 1695) or (appropriate score on the SPC placement test.) This course is a practical overview of key issues, questions and concepts existing in the various health professions. Special emphases are placed on the historical development of ethical thinking, a variety of ethical approaches and on the multicultural aspects of health care ethics. The principles of ethical reasoning are applied to a wide range of issues related to the maintenance of life and human and non-human animal health. The moral and legal ramifications of human decisions regarding human and non-human animal life, bio-diversity and sustainability are examined. Students are provided an active learning experience, increased student interaction and opportunities for independent research into health care issues of professional interest, including the code of ethics for the students' particular health care profession. This course has substantial writing requirement. Credit is not given for both PHI 2635 and any of the following courses: PHI 1600, PHI 1603, PHI 1602H, PHI 1631, PHI 2621, PHI 2622, or PHI 2649. 47 contact hours.

PHI 2649 APPLIED ETHICS IN PUBLIC
"G" SAFETY PROFESSIONS ..... 3 credits
Prerequisites: (REA 0002 and ENC 0020) or EAP 1695 or appropriate score on the SPC placement test. This course is a practical approach to recognizing, understanding and solving ethical problems confronting individuals in public safety professions. Emphasis is placed on understanding the historical development of ethical thinking, as well as critical analysis of a wide variety of ethical theories. Students will also examine a variety of ethical dilemmas and issues relevant to public safety professionals and will practice resolving such through ethical reasoning, as well as

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by reference to legal and professional codes of conduct. Relevant professional issues will be analyzed from both legal and moral perspectives. Emphasis will be placed on the development of skills necessary for the critical thinking, problem-solving and responsible decision-making necessary for those in positions of public trust. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both PHI 2649 and any of the following courses: PHI 1600, PHI 1602H, PHI 1603, PHI 1631, PHI 2621, or PHI 2622. 47 contact hours.

PHT 1121 FUNCTIONAL ANATOMY AND KINESIOLOGY ..... 3 credits
Prerequisites: BSC 1085 and BSC 1085L. Corequisite: PHT 1121L. This course will be devoted to the study of the structure and function of the musculoskeletal system with emphasis on the mechanical (functional) aspects of human motion and the application of kinesiology as related to therapeutic exercise. 47 contact hours.

PHT 1121L FUNCTIONAL ANATOMY AND KINESIOLOGY LABORATORY ..... 2 credits
Prerequisites: BSC 1085 and BSC 1085L. Corequisite: PHT 1121. Within a laboratory environment, this course will be devoted to the study of the structure and function of the musculoskeletal system with emphasis on the mechanical (functional) aspects of human motion and the application of kinesiology as related to therapeutic exercise. Observational, manual dexterity and communication skills will be developed relevant to analyzing, demonstrating, monitoring and/or modifying therapeutic exercise/ routines. 62 contact hours.

PHT 1200 INTRODUCTION TO BASIC PATIENT CARE ..... 3 credits
Prerequisite: Admission to the program. This course is an introduction to the field of physical therapy including role orientation, professional organizational structure, modality principles used for basic patient care and disease processes. Role orientation, ethics, legal aspects, limitation and relationships will be explored relative to the physician, registered physical therapist and the patient. 47 contact hours.

PHT 1200L BASIC PATIENT CARE LABORATORY ..... 3 credits
Prerequisite: Admission to the program. This is a laboratory course in which there is practice in activities and modalities basic to the care of patients in health agencies. The development of manual dexterity with patient safety and comforts is the focus. The college laboratory will be utilized for practice demonstration. 92 contact hours.

PHT 1217 PHYSICAL THERAPY PRINCIPLES AND PROCEDURES ..... 3 credits
Prerequisite: PHT 1200, PHT 1200L, PHT 1121, and PHT 1121L. This is a course to introduce the principles of physical therapy (PT) treatment procedures and modalities used in patient care. Specialized vocabulary and selected medical-surgical conditions are presented. 47 contact hours.

PHT 1217L PHYSICAL THERAPY PRINCIPLES AND PROCEDURES LABORATORY ..... 3 credits
Prerequisite: PHT 1200, PHT 1200L, PHT 1121 and PHT 1121L. Basic skills are to be developed and principles applied involving functional anatomy and kinesiology, basic therapeutic exercise, and application of modalities relative to caring for the patient. Demonstrations, student practice in college laboratory and in affiliated health agencies constitute course activities. 92 contact hours.

PHT 1801L PHYSICAL THERAPY CLINICAL PRACTICE I ..... 4 credits
Prerequisites: PHT 1217, PHT 1217L, PHT 2252, PHT 2252L and HSC 1531. This course allows the student to correlate didactic background with basic patient care in the clinical setting. Each student is assigned to a clinical agency and performs specific physical therapy modalities and procedures on a variety of patients under the close supervision of a physical therapist. 40 contact hours per week for four (4) weeks and 20 contact hours in the fifth week.

PHT 2162 NEUROLOGICAL DISABILITIES AND TREATMENT ..... 3 credits
Prerequisite: PHT 2252. This course is devoted to the advanced study of the nervous system and selected neurological disabilities encountered in physical therapy practice. Emphasis is on the etiology, pathology and clinical picture of diseases studied. Use of physical therapy modalities and procedures most effective for each neurological condition is discussed. 47 contact hours.

PHT 2220 THERAPEUTIC EXERCISE IN PHYSICAL THERAPY ..... 2 credits
Prerequisite: PHT 1801L. Corequisite: PHT 2220L. This course provides an overview of the neurophysiological and cardiovascular basis for application of therapeutic exercise. The rationale for and functional basis of therapeutic exercise is correlated with selected patient pathologies. 32 contact hours.

PHT 2220L THERAPEUTIC EXERCISE IN PHYSICAL THERAPY LAB ..... 2 credits
Prerequisite: PHT 1801L. Corequisite: PHT 2220. Within the laboratory environment, this course will be devoted to the study and performance of power-assisted exercise modes and cardiovascular-based and neurophysiologically-based therapeutic exercise programs. Practice in the laboratory will involve demonstration, observation, analysis and performance monitoring. 64 contact hours.

PHT 2252 ORTHOPEDIC DISABILITIES AND TREATMENT ..... 3 credits
Prerequisite: PHT1121, PHT1121L. Corequisite: PHT 2252L. This course provides a basic knowledge of selected orthopedic disabilities encountered in physical therapy practice. Emphasis is on the etiology, pathology and clinical picture of diseases studied. Use of physical therapy modalities and procedures used in each disability is discussed. 47 contact hours.

PHT 2252L ORTHOPEDIC DISABILITIES AND TREATMENT LABORATORY ..... 2 credits
Corequisite: PHT 2252. This course provides the opportunity to develop basic skills in postural analysis and manual assessment and more advanced skill in therapeutic exercise techniques in orthopedic conditions. Exercise programs for specific orthopedic pathologies are presented and practiced. 32 contact hours.

PHT 2810L PHYSICAL THERAPY CLINICAL PRACTICE II ..... 4 credits
Prerequisite: PHT 1801L, PHT 2220, PHT 2220L, and PHT 2162. This clinical and laboratory course is correlated with class material. It provides the student with selected experiences in the college laboratory and health care agency. Emphasis is placed on more complex therapeutic procedures in clinical practice. Problem-solving techniques are employed in clinical decision-making. 40 clinical hours per week for four (4) weeks and 20 hours in the college laboratory.

PHT 2820L PHYSICAL THERAPY CLINICAL PRACTICE III ..... 4 credits
Prerequisites: PHT 2810L and PHT 2931. This clinical and laboratory course is correlated with class material. It provides the student with selected experiences in the college laboratory and the healthcare agency. Emphasis is placed on complex/advanced therapeutic procedures in clinical practice. Advanced problem-solving techniques are employed in clinical decision-making. 180 contact hours.

PHT 2931 TRENDS IN PHYSICAL THERAPY ..... 2 credits
Prerequisites: PHT 2220, PHT 2220L, PHT 2252, PHT 2810L. This course is a seminar-type class which will explore the newer trends involving the role of the professional team, the professional organization, legal and ethical implications and legislation (including state regulations as well as Medicare and Medicaid regulations). Historical patterns in the development of the profession of physical therapy and projections of future directions in light of influence from the past will be explored. 32 contact hours.

PHY 1048L PHYSICS LABORATORY I ..... 1 credit
Corequisite: PHY 1053 or PHY 2048. Tthis course is to provide laboratory experience with concepts and principles of mechanics, heat and sound. This course has a substantial writing requirement. 45 contact hours.

PHY 1049L PHYSICS LABORATORY II ..... 1 credit
Prerequisite: PHY 1048L. Corequisite: PHY 1054 or PHY 2049. A continuation of Physics Laboratory I, this course provides labo-

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ratory experiences in concepts and principles of electricity, magnetism, and light. This course has a substantial writing requirement. 45 contact hours.

PHY 1053 GENERAL PHYSICS I ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, and either MAC 1114 or MAC 1147. Corequisite: PHY 1048L. Subject matter includes mechanics, heat, and sound. This is a course for students not majoring in the physical sciences. (Credit is not given for both PHY 1053 and PHY 2048.) 47 contact hours.

PHY 1054 GENERAL PHYSICS II ..... 3 credits
Prerequisite: PHY 1053. Corequisite: PHY 1049L. Subject matter includes electricity, magnetism, light, and some modern physics. This is a course for students not majoring in the physical sciences. 47 contact hours. (Credit is not given for both PHY 1054 and PHY 2049.)

PHY 2048 PHYSICS I ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, and either MAC 2311 or MAC 2253. Corequisite: PHY 1048L. This course includes theory of mechanics: vectors; force; motion; energy; rotation of rigid bodies; elastic properties; vibratory motion, properties of fluids; molecular theory of matter. It also includes theory of heat; heat transfer; thermodynamics; sound and wave motion phenomena; use of Calculus in problem solving. This course is designed for physics majors and for engineering students. 47 contact hours.

PHY 2049 PHYSICS II ..... 3 credits
Prerequisite: PHY 2048, MAC 2312, or MAC 2254. Corequisite: PHY 1049L. This course is the study of theory of electricity and magnetism; electric phenomena and measurements; circuits; magnetic effects; power, AC phenomena; capacitance; conduction in gases. Theory and nature of light and electromagnetic radiation; optics; reflection and refraction. Selected topics in modern physics. Use of calculus in problem solving. Intended for physics majors and engineering students. 47 contact hours.

PHY 2101 INTRODUCTION TO MODERN PHYSICS ..... 3 credits
Prerequisites: PHY 2049, and MAC 2313 or MAC 2234. This course will study the theories and techniques of modern physics. Topics and concepts covered will include solution of problems involving special theory of relativity, nuclear structure, atomic and x-ray spectra and molecular structure, Bohr model of atom and Schrodinger wave equation. 47 contact hours.

PLA 1003 INTRODUCTION TO LEGAL ASSISTANTSHIP ..... 3 credits
Prerequisite: (ENC 0020 and REA 0002) or EAP 1695 or a satisfactory score on the SPC Writing and Reading placement tests. This course is designed to provide a general perspective of the legal system and a specific knowledge of the present and potential role of the legal paraprofessional within that system. Students will be exposed to the operations and structures of the court system, administrative agencies, private law firms, public sector law offices, legal ethics in evaluating what tasks, skills, and roles are now and may in the future be fulfilled by the legal paraprofessional in each legal area. Students will be introduced to paralegal skills such as interviewing, investigating, legal research and writing. Opportunities will be available for students to begin voluntary service with law-related agencies or to add to their occupational skills. 47 contact hours.

PLA 1104 LEGAL RESEARCH AND WRITING ..... 3 credits
Pre- or corequisite: PLA 1003 and ENC 1101. This course will provide the student with a working knowledge of the major techniques of legal research and writing. It will introduce the student to a broad practical approach to the use of legal publications and the law library. The student will complete assigned problems in legal research and will draft legal memoranda and briefs for both trial and appellate work. 47 contact hours.

PLA 1361 TECHNIQUES OF INTERVIEW AND INVESTIGATION ..... 3 credits
Prerequisite or corequisite: PLA 1003. This course is designed to sharpen communication skills and acquaint the student with the techniques of skillful investigation. Students will receive training in methods of interviewing. Fact analysis, sources of evidence and special investigative problems will be explored. Emphasis is placed on human relations skills in working with people. 47 contact hours.

PLA 1730 COMPUTERIZED LEGAL RESEARCH ..... 1 credit
Prerequisite: PLA 1104. This course is designed to familiarize the student with computerized legal research facilities and polish previously learned research skills. 16 contact hours.

PLA 1763 LAW OFFICE MANAGEMENT ..... 3 credits
Prerequisite: ENC 1101 or ENC 1121H or IDS 1101H. This course analyzes the fundamental objectives of the management of a law office, the essential technology used in a law office, management concepts, and essential communication skills. Additional study will be focused upon the organization of private, corporate and government legal departments. Major attention will be upon administrative systems and procedures; timekeeping and accounting practices; compensation and profit distribution. 47 contact hours.

PLA 2114 ADVANCED LEGAL RESEARCH ..... 3 credits
Prerequisite: PLA 1104. This course is designed to perfect the research skills learned in Legal Research. Emphasis is placed on developing facility in state and federal research and the drafting of memoranda and briefs. 47 contact hours.

PLA 2203 CIVIL LITIGATION I ..... 3 credits
Prerequisite: PLA 1003. This course is designed to prepare the legal assistant to assist the trial attorney in preparing civil litigation in the Florida and Federal courts. The course covers substantive civil law, the Florida and Federal Rules of Civil Procedure and related matters including drafting of pleadings, preparing interrogatories and answers. 47 contact hours.

PLA 2223 CIVIL LITIGATION II ..... 3 credits
Prerequisite: PLA 2203 and SPC 1600. This course is designed to prepare the legal assistant to assist the civil trial attorney for civil litigation, mediation and arbitration in the Florida state and federal actions. This course covers the Florida and Federal Rules of Civil and Appellate Procedure and related matters including the drafting of settlement proposals, preparation of a trial brief, abstracting of depositions and appellate jurisdiction. The course also addresses jurisdiction of general masters and administrative law systems. 47 contact hours.

PLA 2231 MEDICAL EVIDENCE FOR LEGAL PERSONNEL ..... 2 credits
Prerequisite: PLA 2203. This course is designed to introduce law office personnel to the format, style, and content of medical records and to provide training in how to locate those records. Students will be introduced to basic techniques for reading, interpreting and summarizing medical records. Students will be exposed to medical terminology and medical reference works. 32 contact hours.

PLA 2303 CRIMINAL LITIGATION I ..... 3 credits
Prerequisite: PLA 1003. This course is designed to prepare the legal assistant to assist the trial attorney in preparing for criminal litigation in the Florida and federal courts. Special emphasis is placed on substantive criminal law and application of the state and federal Rules of Criminal Procedures. 47 contact hours.

PLA 2323 CRIMINAL LITIGATION II ..... 3 credits
Prerequisite: PLA 2303. This course is designed to prepare the student to assist the trial attorney in preparing for criminal litigation in the Florida and federal courts. Special emphasis is placed on preparation of a trial brief including *voir dire*, abstracts of depositions, motion practice and proposed jury instructions. Criminal appeals will be covered as well. 47 contact hours.

PLA 2433 CORPORATIONS ..... 3 credits
Prerequisite: BUL 2242. This course will acquaint the student with typical legal functions connected with the formation and operation of a corporation. It will primarily consider paralegal functions in the field of corporation law, including organization and creation of a corporation, continuing corporate operation problems, typical corporate variations, and a comparison with other types of business organizations, including sole proprietorships and partnerships. Three hours weekly.

PLA 2601 PROBATE AND ESTATE PLANNING I ..... 3 credits
Prerequisite: PLA 1003. This course deals with the basic legal concepts of the more common forms of wills and the procedure for intestacy. A study of the fundamental principles of law appli-

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cable. The organization and jurisdiction of the probate division of circuit court and probate courts in general. An analysis of estate administration and fiduciary accounting. Three hours weekly.

PLA 2602 PROBATE AND ESTATE PLANNING II ..... 3 credits
Prerequisite: PLA 2601. This course deals with the basic legal concepts of the more common forms of trusts and trust planning procedure. In addition, it deals with principles and procedures of probate administration as well as federal and state tax ramifications. Three hours weekly.

PLA 2610 REAL ESTATE TRANSACTIONS ..... 3 credits
Prerequisite: REE 1040. This course is designed to prepare the legal assistant to assist in the more common types of real estate transactions and conveyances, such as deeds, contracts, and leases. Emphasis is placed on drafting problems involving these various instruments and proper methods of recording, searching, and closing. 47 contact hours.

PLA 2731 MICROCOMPUTER-BASED LITIGATION SKILLS ..... 1 credit
Prerequisite: PLA 2223. This course is designed to prepare the legal assistant to assist the attorney in civil litigation matters. The student will prepare paperwork with the aid of commercially available litigation software. 16 contact hours.

PLA 2740 INTRODUCTION TO COURT ADMINISTRATIVE PROCEDURES ..... 3 credits
This course is designed to provide the student with a working knowledge of the functions of the Clerk of the Court's office. Included will be contact with court-promulgated forms and applicable rules of procedure. The student will gain some hands-on-experience supervised by the Clerk of the Court. 47 contact hours.

PLA 2741 CRIMINAL AND TRAFFIC COURT ADMINISTRATION ..... 3 credits
This course is designed to give court personnel substantive and procedural background in criminal and traffic cases. The course covers applicable statutory law including the Criminal Code and Traffic Code, Traffic Control Law, as well as the Rules of Criminal Procedure and the Rules of Traffic Procedure. Enrollment is limited to court personnel. 47 contact hours.

PLA 2800 FAMILY LAW I ..... 3 credits
Prerequisite: PLA 1003. This course will introduce the student to pleading and practice in the field of Family Law including dissolution, annulment, separate maintenance, and modification actions. Emphasis is placed on drafting pleadings and agreements and methods of discovery as well as trial preparation. 47 contact hours.

PLA 2801 FAMILY LAW II ..... 3 credits
Prerequisite: PLA 2800. This course is a continuation of PLA 2800 and will deal with miscellaneous family related areas including adoption, paternity, powers of attorney, juvenile matters, gift and guardianship laws. Emphasis is placed on drafting pleadings and dealing with forms. The student will complete a related research project. 47 contact hours.

PLA 2940 LEGAL ASSISTING SEMINAR AND WORK EXPERIENCE ..... 3 credits
Prerequisite: Recommendation of division director. This is a one-hour seminar discussing job problems and a minimum of twelve hours per week on-the-job experience as a legal assistant trainee with a law firm or in a law-related office is required.

POS 2041 "G" AMERICAN NATIONAL GOVERNMENT ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, or a satisfactory score on the SPC placement test. This survey course provides a comprehensive examination of the American political system. Through this course students will become familiar with theory, organization, principles, and functions of the American national government, and various elements within the political system that work to shape policy outcomes. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. Credit is not given for both POS 2041 and POS 2050. 47 contact hours.

POS 2050H "G" HONORS AMERICAN GOVERNMENT ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or a satisfactory score on the SPC placement test. Enrollment is limited to students approved to take Honors courses at the College. This survey course provides a comprehensive and analytic examination of the American political system to students eligible for Honors classes. Through various teaching and learning methodologies, the student will become familiar with the theories, organization, principles and functions of the American national government. The course will cultivate independent, active learning, student participation and encourage the use of logical reasoning, in-depth analysis and critical thinking skills to examine the various elements within our political system which shape policy outcomes. This course partially satisfies the Gordon Rule writing requirement outlined in the General Education Requirements. Credit is not given for both POS 1050/2050 and POS 2041. 47 contact hours.

POS 2112 "G" STATE AND LOCAL GOVERNMENT ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course is an examination of the institutions and processes of Federalism, political parties, state governments, state protected civil liberties, counties, municipalities, special districts, and regional compacts. Examples and illustrations of processes and procedures will be drawn mainly upon the Florida government. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

PPE 2001 PERSONALITY DEVELOPMENT ..... 3 credits
Prerequisite: PSY 1012. This course deals with the theories and principles through which individual differences in typical modes of acting, feeling and thinking are acquired. Extensive attention is given to an understanding of the various factors influencing effective as well as ineffective patterns of adjustment, with consideration of the degree to which the individual can, through his/her knowledge and efforts, have an influence on his/her own personality patterns. Social diversity as it relates to the development of personality patterns is incorporated. This course has a substantial writing requirement. 47 contact hours..

PSC 1001C PHYSICAL SCIENCE WITH LAB ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, and MAT 0024. This course is to acquaint the student with the history and development of physical science with the integration principles and theories in the physical sciences, and with the practice of a scientific method. (This course may not be taken for credit after receiving a grade of "C" or better in any course with a prefix of CHM or PHY.) Five hours weekly.

PSY 1012 "G" GENERAL PSYCHOLOGY ..... 3 credits
Prerequisites: (ENC 0020 and REA 0002) or EAP 1695, or appropriate score on the SPC placement test. This course is an introduction to the field of psychology. It includes the history, scientific methodology, major theoretical schools of thought, various approaches to interpersonal functioning, and human development. The effects of ethnicity, age, race, and gender are integrated into the study of the discipline (course). This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

College Preparatory Credits (0000 designations) may not be used toward graduation credits.

REA 0001 READING TECHNIQUES I ..... 4 credits
Prerequisite: Appropriate score on the SPC placement test. Corequisite: REA 0001L. This is a college preparatory reading course designed to develop basic vocabulary skills, reading comprehension and study skills. Three class hours and two lab hours for a total of five hours weekly. (NOTE: A student cannot earn credit in REA 0001 after receiving credit for REA 0002 or REA 1105. Credit for REA 0001 cannot be used toward graduation.) 77 contact hours.

REA 0002 READING TECHNIQUES II ..... 4 credits
Prerequisite: REA 0001 or an appropriate score on the SPC placement test. Co-requisite: Lab component is required. This college preparatory reading course improves vocabulary skills, reading comprehension, and study strategies. Three class hours and two lab hours for a total of five hours weekly. (NOTE: A student cannot enroll in REA 0002 after receiving credit for REA 1105. Credit for REA 0002 cannot be used toward graduation.) 77 contact hours.

REA 0012 READING FUNDAMENTALS ..... 4 credits
(This course is for Deaf Students only.) A reading course designed to review reading basics and to improve fundamental reading techniques. (NOTE: A student cannot earn credit in REA 0012 after receiving credit for REA 0002 or REA 1105. Credit for REA 0012 cannot be used toward graduation.) Five class and laboratory hours weekly.

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REA 1105 CRITICAL READING AND THINKING ..... 3 credits
Prerequisite: REA 0002 or EAP 1695 or appropriate score on the SPC placement test. This course is designed to develop and enhance literal and critical reading skills and vocabulary. Emphasis is also on critical thinking skills: analysis, interpretation, synthesis, and evaluation. (NOTE: A student cannot earn credit in REA 1105 after receiving credit for REA 1205.) 47 contact hours.

REA 1205 ADVANCED COLLEGE READING TECHNIQUES ..... 1-3 credits
Prerequisite: REA 0002 or EAP 1695 or appropriate score on SPC Placement Test. This course is designed to develop speed of comprehension at rates appropriate to materials read. Rapid reading techniques and effective comprehension for various reading rates will be emphasized. 16-47 contact hours.

REE 1040 REAL ESTATE PRINCIPLES AND LICENSE LAW ..... 4 credits
Successful completion of this course is one of the prerequisites to taking the Florida salesman's licensing examination. Topics include business brokerage operations, property law, deeds, mortgages, financing, taxes, planning and zoning, appraisal, real estate investment and market analysis, public housing, governmental regulations, securities licensing requirements to sell direct participation programs in real estate, in-depth study of the fundamental principles of Florida real estate license law with emphasis on violations of the license law and penal and procedural aspects of its enforcement, ethical issues, and case studies of selected topics in agency and brokerage operations. Also included will be preparation of real estate contracts and closing statements. 62 contact hours.

REE 2100 REAL ESTATE APPRAISAL ..... 3 credits
This is an introductory course including practical purposes, processes, approaches, and techniques used to determine the value of various types of properties. Emphasis will be on residential homes and land. 47 contact hours.

REL 1210 OLD TESTAMENT SURVEY ..... 3 credits
This course is designed to give the student an overview of Old Testament religious perspectives as reflected in the geographical, historical, thematic development, and cultural influences of the biblical text. The study will include an examination of the issues of text integrity, content problems, higher criticism, and theological insights. 47 contact hours.

REL 1240 NEW TESTAMENT SURVEY ..... 3 credits
This course is an introductory study of the historical, cultural, literary, and religious concepts in the New Testament. Topics include: "the synoptic problem," "the historical Jesus," "the social and economic ideas of the Acts," and "the relation of Petrine with Pauline concepts of social classes." 47 contact hours.

REL 2000 INTRODUCTION TO RELIGION ..... 3 credits
This course is a study of the phenomena of religious belief and practice in both primitive and advanced cultures. The interest will be to analyze the religious nature of individuals and cultures to assess the function of religious attitudes and practice. 47 contact hours.

REL 2300 WORLD RELIGIONS ..... 3 credits
"G"
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course examines the general characteristics of the major religions of the world. Topics include the nature of religion, Judaism, Hinduism, Buddhism, Confucianism, Taoism, Christianity and Islam. The purpose is to see both the similarities and the differences among these systems which have been used in various cultures to express the human longing for purpose in life. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

REL 2600 THE JEWISH EXPERIENCE ..... 1-3 credits
This is an introduction to the breadth and significance of the Jewish experience. Topics include: from Abraham to the monarchy; from the monarchy to exile; how and why Jews entered various lands with particular focus on Israel and the United States; Jewish traditions and practices; anti-semitism; and lastly, Jewish survival in the modern world. 16 to 47 contact hours.

RET 1007 RESPIRATORY PHARMACOLOGY ..... 2 credits
This course introduces essential and advanced concepts of pharmacology as related to Respiratory Care. Drugs related to both maintenance and emergency care will be emphasized. Anatomy and physiology of body systems as related to drug therapy will be an integral part of this course. Various problematic states related to cardiopulmonary illness with an emphasis on drug therapy will be discussed. Advanced Cardiac Life Support (ACLS) standards of drug practice will be included. 32 contact hours.

RET 1024 FUNDAMENTALS OF RESPIRATORY CARE ..... 3 credits
Prerequisite: Admission to the program. This is a ten-unit course covering an orientation to Respiratory Care as a special field, physical principles, introduction to cardiopulmonary anatomy, physiology and pathophysiology, and a thorough working knowledge of basic equipment, procedures of cleaning and sterilization procedures. 47 contact hours.

RET 1264 PRINCIPLES OF MECHANICAL VENTILATION ..... 3 credits
Prerequisite: RET 1024. Corequisite: RET 1485. This course will include an introduction to mechanical ventilation and an overview of fundamental principles necessary in the management of critically ill patients requiring mechanical ventilation. Advanced ventilatory techniques used in the treatment of critically ill patients will also be covered. 47 contact hours.

RET 1485 CARDIOPULMONARY PHYSIOLOGY ..... 3 credits
Prerequisite: RET 1024. This is a course covering all aspects of normal cardiopulmonary physiology, and the effects of related systems. Topics include respiratory anatomy, mechanics of breathing, arterial blood gases, pulmonary ventilation/perfusion relationships, gas transport mechanisms of blood, neurologic control of ventilation, cardiac and renal function, and respiratory adjustments in health and disease. 47 contact hours.

RET 1874L CLINICAL PRACTICE I ..... 2 credits
Prerequisite: Admission to the program. This is a modular course covering the basic respiratory therapy procedures encountered in the student's first clinical practice. Topics include basic life support, introduction to the clinical affiliate, medical gas therapy and aerosol therapy. Laboratory experience precedes in-hospital care. 92 contact hours.

RET 1875L CLINICAL PRACTICE II ..... 2 credits
Prerequisite: RET 1874L. The student will refine those clinical skills introduced in Clinical Practice I. In addition, intermittent positive pressure breathing, chest physiotherapy and sustained maximal inspiratory therapy will be introduced. Laboratory experience precedes in-hospital patient care. 92 contact hours.

RET 2284 ADVANCED MODALITIES AND MONITORING ..... 2 credits
Prerequisite: RET 1264. This course shall provide a complete review of the modalities and monitoring techniques employed in the care and evaluation of the critically ill patient. The theory and application of ventilatory devices and techniques will be covered in detail. The course will also focus on the theory and application of invasive and non-invasive monitoring of the critically ill patient. 32 contact hours.

RET 2414 DIAGNOSTIC PROCEDURES ..... 2 credits
Prerequisite: RET 1485. This is a course designed to introduce the student to the diagnostic methods and equipment used to interpret and evaluate the status of patients. Emphasis is on diagnostic techniques used in pulmonary function studies, cardiac and pulmonary stress testing, electrocardiography and metabolic studies. The student will recognize alterations from testing data, be able to interpret these alterations with respect to possible diagnosis, degrees of impairment and recommend a treatment regime. Clinical experience will occur during Clinical Practice IV. 32 contact hours.

RET 2450 CARDIOPULMONARY ASSESSMENT ..... 2 credits
Prerequisite: RET 1485. The integral components of data collection, assessment, and evaluation necessary for effective treatment of patients with cardiopulmonary disorders will be covered in detail in this course. Patient interview, physical examination, laboratory data review, and chest radiograph interpretation will be emphasized. 32 contact hours.

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RET 2484 PULMONARY DISEASE ..... 2 credits
Prerequisites: RET 1485, BSC 1086, BSC 1086L. This course is an introduction to pulmonary diseases. Topics include respiratory infections, COPD, the pneumonconiosis, fibrotic disease, malignant diseases, pulmonary involvement in systemic disease and respiratory failure. Teaching methodology will include lecture, examinations, and class discussion. 32 contact hours.

RET 2534 HOME AND REHABILITATIVE RESPIRATORY CARE ..... 2 credits
Prerequisite: RET 1264. This is a two-part course uniting physiological concepts and therapeutic techniques and procedures involved in the home and rehabilitative care of the pulmonary patient. The first section of the course involves theory and clinical application of techniques used in home care. This is followed by an overview of techniques used for evaluation for pulmonary rehabilitation, and development of a pulmonary rehabilitation program for the individual patient. 32 contact hours.

RET 2714 NEONATAL-PEDIATRIC RESPIRATORY CARE ..... 2 credits
Prerequisite: RET 2484. This course will cover development and physiology of the fetal and neonatal lung including perinatal circulation, pulmonary function in infants, and developmental physiology of the lung. Neonatal pulmonary disorders will be overviewed and treatment of pediatric patients with an emphasis on respiratory care techniques will be explored. 32 contact hours.

RET 2876L CLINICAL PRACTICE III ..... 4 credits
Prerequisite: RET 1875L. This is a modular course reviewing the principles and practice of basic respiratory care techniques. Airway care and critical respiratory care will be introduced. In addition, X-ray and EKG services will be surveyed. Laboratory practice precedes actual patient care. This course may also be taken to fulfill transitional program requirements. 182 contact hours.

RET 2877L CLINICAL PRACTICE IV ..... 4 credits
Prerequisite: RET 2876L. The student will continue to practice critical respiratory care. Laboratory as well as clinical introductions to cardiopulmonary testing will be included with an emphasis on pulmonary function testing and blood gases. In addition, students will rotate through surgery and the recovery room. Laboratory experience precedes in-hospital practice. 182 contact hours.

RET 2878L CLINICAL PRACTICE V ..... 4 credits
Prerequisite: RET 2877L. This course will continue to refine those respiratory care techniques applicable to the critically ill patient with an emphasis on prolonged mechanical ventilation. A laboratory review of the most commonly used ventilators with an emphasis on practical applications will occur. Pediatric and neonatal respiratory care rotations will be included with an emphasis on hands-on clinical practice. Refinement of pulmonary function testing and blood gases skills will be continued. 182 contact hours.

RET 2879L CLINICAL PRACTICE VI ..... 4 credits
Prerequisite: RET 2878L. This is the last clinical practice course with completion leading to graduation from the Respiratory Care Program. It will include pediatric and neonatal respiratory care, home respiratory care, as well as a section for review of all phases previously covered. A "C" or better must be achieved on the Clinical Practice VI Comprehensive Written Program Examination in order to complete the course of study and obtain the award of the Associate in Science in Respiratory Care. 182 contact hours.

RET 2935 MEDICAL-SURGICAL ASPECTS OF RESPIRATORY CARE ..... 2 credits
Prerequisite: RET 2484. The general principles of medicine and surgery as they apply to respiratory care will be presented in a series of individualized learning packages and supplemented by guest physician lectures. In addition, other topics pertinent to respiratory care will be presented including special procedures, new concepts and treatment modalities, diagnostic tests, and conditions causing impairment to the pulmonary system not covered elsewhere in the curriculum. 32 contact hours.

RADIOGRAPHY

Advanced Level Specialty Courses

Courses Open to Radiographers:

RTE 2571 COMPUTED TOMOGRAPHY ..... 3 credits
Corequisite: RTE 2582. This course is offered to Radiographers currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT) and students presently enrolled in the Radiography Program. This course is designed to facilitate highly specialized knowledge in computed tomography (CT). Specific content will include patient care, imaging procedures, physics and instrumentation. 47 contact hours.

RTE 2571L COMPUTED TOMOGRAPHY CLINICAL EDUCATION ..... 2 credits
Prerequisites: RTE 2762 and RTE 2571. This course is offered to Radiographers currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT). This computer assisted tomography clinical course meets at local hospitals and out-patient facilities to give the student an opportunity to apply theoretical concepts to clinical situations. Topics include patient care, imaging procedures, physics and instrumentation. Approximately eight clinical laboratory hours weekly.

RTE 2582 CARDIOVASCULAR-INTERVENTIONAL PROCEDURES ..... 3 credits
This course is offered to Radiographers currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT) and students presently enrolled in the Radiography Program. This course is designed to facilitate the development of highly specialized knowledge in Cardiovascular-Interventional studies. Specific content areas to be studied include maintenance of equipment and supplies, patient care, general and specific procedural considerations. 47 contact hours.

RTE 2582L CARDIOVASCULAR-INTERVENTIONAL CLINICAL EDUCATION ..... 2 credits
Corequisite: RTE 2582. This course is offered to Radiographers currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT). This cardiovascular-interventional clinical education course meets at local hospitals to give the student an opportunity to apply theoretical concepts to clinical situations. Topics include patient care and monitoring, general and specific imaging procedures, and equipment instrumentation. Approximately eight clinical laboratory hours weekly (120 total).

RTE 2584 BASIC MAMMOGRAPHY I ..... 3 credits
This course is offered to Radiographers currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT) and students presently enrolled in the Radiography Program. This course is designed to facilitate the development of highly specialized knowledge in Mammography. Specific content areas to be studied include patient education, instrumentation, anatomy, physiology, pathology and positioning of the breast, and mammographic techniques. 47 contact hours.

RTE 2584L BASIC MAMMOGRAPHIC CLINICAL EDUCATION ..... 2 credits
Corequisite: RTE 2584. This course is offered to Radiographers currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT). This mammographic clinic education course meets at local hospitals and imaging centers to give the student an opportunity to apply theoretical concepts to clinical situations. Topics include patient care and education, imaging procedures, positioning, instrumentation and applied techniques. Approximately eight clinical laboratory hours weekly.

Courses Open to Radiographers, Nuclear Medicine Technologists, and Radiation Therapists:

RTE 2575 BASIC MAGNETIC RESONANCE IMAGING I ..... 2 credits
Corequisite: RTE 2762. This course is offered to Radiographers, Nuclear Medicine Technologists and Radiation Therapists currently registered in good standing with the American Registry of Radiologic Technologists (ARRT) and students currently enrolled in the Radiography Program. The course is designed to facilitate the development of highly specialized knowledge in Magnetic Resonance Imaging. Specific content areas to be studied include data acquisition and processing and physical principles of image formation. 32 contact hours.

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RTE 2576 BASIC MAGNETIC RESONANCE IMAGING II ..... 2 credits

Prerequisite: RTE 2575 and RTE 2762. Corequisite: RTE 2576L. This course is offered to Radiographers, Nuclear Medicine Technologists and Radiation Therapists currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT). This course is designed to facilitate the development of highly specialized knowledge in Magnetic Resonance Imaging. Specific content areas to be studied include patient care and MRI safety and imaging procedures. 32 contact hours.

RTE 2576L MAGNETIC RESONANCE CLINICAL EDUCATION ..... 2 credits

Prerequisite: RTE 2575. Corequisite RTE 2576. This course is offered to Radiographers, Nuclear Medicine Technologists and Radiation Therapists currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT). This is a Magnetic Resonance Imaging clinical course meeting at local hospitals and out-patient facilities to give the student an opportunity to apply theoretical concepts taught in the didactic portion of the program to clinical situations. Topics include patient care, MRI safety, imaging procedures, data acquisition and processing and physical principles of image formation. Eight hours of clinical laboratory instruction weekly.

RTE 2762 CROSS-SECTIONAL ANATOMY/PATHOLOGY ..... 2 credits

Corequisites: RTE 2571 and RTE 2575. This course is offered to Radiographers, Nuclear Medicine Technologists and Radiation Therapists currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT). This course is the study of general and specific cross-sectional human anatomy and pathology as it appears in various planes on Computed Tomography (CT) and Magnetic Resonance (MR) images. 32 contact hours.

The following RTE courses are for the students in the A.S. degree program:

RTE 1000 ORIENTATION TO RADIOGRAPHY ..... 2 credits

This course provides an orientation to the profession of radiography. Topics include the history and organization of the profession, medical terminology, body mechanics, emergency situations, infection control, aseptic techniques, evaluating patient physical needs, patient education, and venipuncture in radiography. Patient care in Radiography will also be included. 32 contact hours.

RTE 1418 PRINCIPLES OF IMAGING I ..... 2 credits

Prerequisite: Any college-level course with an MAC, MAT, STA or MGF prefix. Corequisite: RTE 1418L. The objective of this course is to provide an introduction to basic principles of radiographic exposure and processing. Topics include radiographic density, contrast, definition, distortion, film, latent image formation and processing. 32 contact hours.

RTE 1418L PRINCIPLES OF IMAGING I LAB ..... 1 credit

Prerequisite: Any course with a MAC or MGF prefix. Corequisite: RTE 1418. This course is designed to provide the student an opportunity to apply radiographic exposure principles in the energized laboratory. Topics include radiographic density, contrast, definition, distortion, film and processing. 32 contact hours.

RTE 1458 PRINCIPLES OF IMAGING II ..... 3 credits

Prerequisite: RTE 1418. Corequisite: RTE 1473L. The objective of this course is to provide advanced, comprehensive instruction and discussion in principles of radiographic exposure. Topics include detailed instruction in the control of exposure and quality using KVP, MAS, FFD, geometric factors, autotiming devices, beam restrictors, grids, filters, and screens, properties of x-ray tubes, principles of image intensification and fluoroscopy, and the production and characteristics of radiation. Tube rating charts, technique charts and selected topics in quality assurance are included. Three hours weekly.

RTE 1473L RADIOGRAPHIC QUALITY ASSURANCE LABORATORY ..... 1 credit

Prerequisite: RTE 1418. Corequisite: RTE 1458. This course is a laboratory course providing the student an opportunity to apply radiographic principles and accessories in the energized laboratory. Topics include radiographic density, contrast, definition, distortion, radiographic grids, filters, film, processing, beam restrictors, screens, and the application of basic principles and radiologic physics, exposure and quality assurance, quality control and quality improvement. 32 contact hours.

RTE 1503C RADIOGRAPHIC PROCEDURES I ..... 3 credits

This course is a study of radiographic anatomy, physiology, and positioning for radiologic examinations of the chest, abdomen, pelvis, bony thorax, spine and extremities. 62 contact hours.

RTE 1503L RADIOGRAPHIC PROCEDURES I LAB ..... 1 credit

Corequisite: RTE 1503C. This course is a laboratory study of basic anatomy and positioning of the chest, abdomen, pelvis, bony thorax, spine and extremities for radiographic procedures. 47 contact hours.

RTE 1513C RADIOGRAPHIC PROCEDURES II ..... 2 credits

Prerequisites: RTE 1503C. This course is a study of radiographic anatomy, physiology, and positioning of radiologic examinations of the skull and facial bones. Procedures requiring the use of contrast materials within the digestive system, and urinary system, as well as the pharmacology of contrast agents will also be studied. 47 contact hours.

RTE 1513L RADIOGRAPHIC PROCEDURES II LAB ..... 1 credit

Prerequisites: RTE 1503, RTE 1503L. Corequisite: RTE 1513C. This course is a laboratory study of basic radiographic anatomy. The course includes the positioning of the urinary system, digestive system, breasts, and cranium. 47 contact hours.

RTE 1804L RADIOGRAPHIC CLINICAL EDUCATION I ..... 3 credits

Prerequisites: RTE 1000, RTE 1503C and RTE 1418. This is an introductory clinical course meeting at local hospitals to give the student an opportunity to apply theoretical concepts taught in classroom courses. Topics include basic positioning of the chest, abdomen, extremities, and Gastrointestinal Series (GI) contrast examinations. Basic patient care procedures, radiation protection practices and radiologic exposure and processing principles are introduced. 227 contact hours.

RTE 1814L RADIOGRAPHIC CLINICAL EDUCATION II ..... 5 credits

Prerequisites: RTE 1804L and RTE 1513C. This course is a continuation of Radiographic Clinical Education I. Topics include positioning of the urinary tract, spine and basic skull exams. Intermediate-level patient care procedures, radiation protection practices, radiologic exposure principles and the use of radiographic accessories are introduced. 377 contact hours.

RTE 2385 RADIATION BIOLOGY ..... 2 credits

The objective of this course is to provide the student with fundamental principles of radiobiology. Topics include early and late effects of radiation exposure, basic interactions of ionizing radiation with biological systems, factors modifying the body's response to radiation, principles of radiation protection and radiation monitoring. 32 contact hours.

RTE 2563 ADVANCED MEDICAL IMAGING ..... 3 credits

Prerequisites: RTE 1513C. This course is the study of sectional anatomy, special radiographic procedures and advanced radiologic modalities. Topics specifically addressed include invasive and noninvasive specialized radiographic studies, Computed Tomography (CT), Magnetic Resonance Imaging (MR) and Cardiovascular procedures (CV) and Mammography. 47 contact hours.

RTE 2613 RADIATION PHYSICS ..... 2 credits

The objective of this course is to introduce fundamental principles of radiologic physics including atomic and sub-atomic theory, interactions or radiation with matter, the nature of electricity and magnetism and properties of x-rays, diagnostic x-ray tubes, x-ray circuits, units of measurements and the structure of matter and the atom. 32 contact hours.

RTE 2782 RADIOGRAPHIC PATHOLOGY ..... 2 credits

The objective of this course is to introduce the disease processes most frequently encountered in the radiology department. The etiology, pathogenesis, treatment, and resolution of each disease is discussed with an attempt to relate recent advances in these areas. Emphasis is placed on radiologic diagnosis and the

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relationship of the radiographic appearance of the disease to its anatomic, physiologic, and pathologic characteristics. 32 contact hours.

RTE 2824L RADIOGRAPHIC CLINICAL EDUCATION III ..... 6 credits
Prerequisites: RTE 1814L, RTE 1458, RTE 1473L. This course is a continuation of Radiographic Clinical Education II. Topics include advanced skull exams, contrast media exams, special procedures in the radiology department, adaptation of technical factors and positioning for difficult patients, advanced radiation protection procedures, and advanced patient care techniques. 360 contact hours.

RTE 2834L RADIOGRAPHIC CLINICAL EDUCATION IV ..... 4 credits
Prerequisite: RTE 2824L. This course is a continuation of Radiographic Clinical Education III. Topics include positioning of the traumatized patient, adaptation of technical factors to obtain optimum film quality, advanced specialized radiologic procedures, mobile radiography and surgical procedures. 240 contact hours.

RTE 2844L RADIOGRAPHIC CLINICAL EDUCATION V ..... 6 credits
Prerequisite: RTE 2834L. This course is a continuation of Radiographic Clinical Education IV. The objective of this course is to prepare the student for a career as a medical radiographer. All clinical aspects are reviewed and emphasis is placed on radiography of the difficult patient, good radiation protection practices, and application of sound patient care procedures in the radiology department. 360 contact hours.

SBM 1000 SMALL BUSINESS ENTREPRENEURSHIP ..... 3 credits
This course is designed to provide the basics in management assistance information for the person already in a small business operation, and/or the person who plans to become a small business manager. Emphasis is placed upon the requirements of establishing and operating a profitable small business. Topics will include planning, organizing, capitalizing, advertising, location, sales and sales promotion for small businesses. 47 contact hours.

SBM 1101 STARTING A SMALL BUSINESS: DEVELOPING A PLAN ..... 1 credit
This course is designed for small business owners or for those who are considering starting a small business. It provides an overview of the steps that are necessary for developing a business plan that will help to insure the success of the business. An overview of licensing requirements, taxation, marketing, financial planning, risk management, and staffing will be included. Emphasis in this course is on the steps of a good business plan and where to seek help in developing a detailed plan. 16 contact hours.

SCC 1020 PROBLEM SOLVING IN SECURITY ..... 3 credits
This course provides the student with an overview of problem solving concepts within the field of private security. The course focuses on examining the critical processes underlying problem solving and the application of the process through the use of scenarios. The scenarios encompass a wide range of private security problems and venues and require the student to conduct risk analysis, propose viable solutions, and evaluate the utility of those initiatives. 47 contact hours.

SCC 1220 PRINCIPLES OF LOSS PREVENTION ..... 3 credits
This course provides the student with an overview of the concepts involved in loss prevention. The course focuses on theft and risk control, security surveys and loss prevention management, tools and technologies for protecting against loss, and the application of these principles to practical situations in industry and institutional environments. 47 contact hours.

SCC 1301 INTRODUCTION TO SECURITY MANAGEMENT ..... 3 credits
This course introduces the student to security management. The course focuses on organizational management, leadership, communication skills, security philosophy, and strategic planning as it pertains to security management. Course materials will assist the student prepare for management roles by learning goal setting, decision making, and program management. 47 contact hours.

SCC 1400 RISK MANAGEMENT ..... 3 credits
This course provides the student with the history, theory and practice of risk management in today's business world. A continuing case study will be used to emphasize and provide understanding of the risk management methodology. 47 contact hours.

SCC 1500 PRIVATE SECURITY TRAINING AND EDUCATION ..... 3 credits
This course will provide the student with an overview of the basic concepts, skills, and information necessary for the development of training and educational programs for private security organizations and personnel. The course will focus on information provided through small projects and scenario exercises that incorporate training and education skills covered in class. 47 contact hours.

SCC 1801 INTRODUCTION TO UNDERSTANDING TERRORISM ..... 3 credits
This course provides the student with an overview of terrorism and how it can affect business and private security. Students will learn the meaning of terrorism, its history, the types of terrorism, the weapons employed in terrorism, and what countermeasures a business, organization, or individual can employ against terrorism. 47 contact hours.

SLS 1101 COLLEGE SUCCESS SKILLS ..... 3 credits
This course is designed to strengthen skills essential to success in college, with further applications to post-college plans. Included are study and test-taking strategies; effective interpersonal skills; time management techniques; creative and critical thinking skills; college services and resources; educational policies, procedures, regulations and terminology; sound personal health and financial practices; and library resources, research strategies, and information skills. 47 contact hours.

SLS 1264 LEADERSHIP DEVELOPMENT SEMINAR ..... 3 credits
This course focuses on the development of leadership skills. It provides a basic understanding of leadership and group dynamics theory and will assist the student in developing a personal philosophy of leadership and an awareness of the moral and ethical responsibilities of leadership. Topics include decision making, leadership ethics, goal formation, building trust, empowering others, conflict resolution, and managing organizational change. The course will integrate readings and films from classic works of literature, contemporary multi-cultural writing, and experiential learning exercises with current leadership theories and practices. Three hours weekly.

SLS 1301 CAREER AND LIFE PLANNING ..... 1-3 credits
This course assists students in identifying aptitudes, interests, and values as related to career decision-making and is individualized to personal life styles. Employment and future trends in careers will be explored. 16 to 47 contact hours.

SLS 1501C STUDY SKILLS FOR ACADEMIC SUCCESS ..... 1 credit
This is a course to develop academic study skills, including strategies for time management, vocabulary building, reading, listening, note-taking, test-taking, memory, library research skills, and coping with test anxiety. It is designed to increase students' confidence and competence in study skills techniques. Recommended for students who wish to improve the skills necessary for academic success. 17 contact hours.

SLS 1711 PEER CLASSROOM/LABORATORY TUTORING AND PROCTORING ..... 2-3 credits
Under the supervision of an instructor, the student (hereafter called "tutor") does peer tutoring/proctoring in individualized classroom or laboratory learning situations. Emphasis is on the one-to-one helping relationship in an academic area in which the peer tutor/ proctor has competence. A maximum of 6 credits can be received for this course. 4 contact hours, 2 credit hours; 6 contact hours, 3 credit hours.

SLS 2221 ASSERTIVENESS TRAINING ..... 1 credit
This course is designed to promote the growth of an individual's self-esteem and self-worth through the clarification, understanding, and development of assertive behavior. The classroom sessions will focus on interventions which enable students to recognize and change unsatisfying forms of behavior. 16 contact hours.

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SLS 2223 STRESS MANAGEMENT ..... 1 credit
This course is designed to assist the student in understanding the concept of stress, identifying the causes and effects of stress, and identifying and implementing methods of modifying and coping with stress. Emphasis will be placed on promoting self-awareness of personal stresses and choosing appropriate interventions for the management of stress. 17 contact hours.

SOP 2002 SOCIAL PSYCHOLOGY ..... 3 credits
Prerequisite: PSY 1012 or SYG 2000. This course is an introduction to the subject and methods of social psychology. Emphasis is placed on the socialization process, the formation of attitudes, changes in attitudes, social interaction, and behavior in groups in one's culture and in other sub-cultures and communities. This course has a substantial writing requirement. 47 contact hours.

SPA 1612 BASIC AMERICAN SIGN LANGUAGE ..... 3 credits
Corequisite: SPA 1612L. This is an introduction to American Sign Language (ASL) as used in the deaf community. There will be general discussion of ASL structure and an introduction to a variety of manual communication systems and philosophies. Emphasis will be on building a basic vocabulary of approximately three hundred signs and the manual alphabet. 47 contact hours.

SPA 1612L BASIC AMERICAN SIGN LANGUAGE LABORATORY ..... 1 credit
Corequisite: SPA 1612. Basic American Sign Language Laboratory is a course designed to reinforce in a lab setting material presented in SPA 1612. Students will have directed practice with audiovisual materials, emphasizing beginning level receptive and expressive conversational practice. 32 contact hours.

SPA 1613 INTERMEDIATE AMERICAN SIGN LANGUAGE ..... 3 credits
Prerequisites: SPA 1612, SPA 1612L. Corequisite: SPA 1613L. This course is a continuation of the basic course and expands the student's signing skills and explores ASL idioms. 47 contact hours.

SPA 1613L INTERMEDIATE AMERICAN SIGN LANGUAGE LABORATORY ..... 1 credit
Prerequisites: SPA 1612 and SPA 1612L. Corequisite: SPA 1613. This laboratory course is designed to reinforce in a lab setting material presented in SPA 1613, through the use of directed practice with audio-visual materials. Access to laboratory materials will provide opportunities for students to practice and improve receptive and expressive sign skills, reinforcing intermediate level receptive and expressive American Sign Language (ASL). 32 contact hours.

SPA 1614 ADVANCED AMERICAN SIGN LANGUAGE ..... 3 credits
Prerequisites: SPA 1613, SPA 1613L, SPA 1626, EHD 1000. Corequisite: SPA 1614L. This course is a continuation of Intermediate American Sign Language designed to develop signing skills to an advanced level. Included are idiomatic usage, cultural issues and professional option in deafness. 47 contact hours.

SPA 1614L ADVANCED AMERICAN SIGN LANGUAGE LABORATORY ..... 1 credit
Prerequisites: SPA 1613, SPA 1613L, SPA 1626 and EHD 1000. Corequisite: SPA 1614. This course is a continuation of Intermediate American Sign Language designed to develop signing skills to an advanced level. Included are idiomatic usage, cultural issues and professional option in deafness. 32 contact hours.

SPA 1617 STRUCTURE OF AMERICAN SIGN LANGUAGE ..... 3 credits
Prerequisites: SPA 1613, SPA 1613L, SPA 1626, EHD 1000. This is a course for the intermediate or advanced signer with limited exposure to American Sign Language (ASL). American Sign Language, as used by deaf adults, is studied with an emphasis on the phonological, morphological, semantic, syntactical, idiomatic and metaphorical aspects of ASL. Current research in the field is examined and discussed. 47 contact hours.

SPA 1626 FINGERSPELLING ..... 2 credits
Prerequisites: SPA 1612, SPA 1612L, EHD 1000. This course introduces students to fingerspelling and numbers in ASL. The course covers topics such as techniques and forms of fingerspelling, when people fingerspell and how they use fingerspelling to meet their needs. It also includes numerical systems in American Sign Language (ASL). Emphasis on both receptive and expressive development. 32 contact hours.

SPC 1016 "G" BUSINESS AND PROFESSIONAL SPEAKING ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This is a practical and applied course designed to meet the needs of the business and professional community. The course will apply the principles of speaking and listening in the context of business and professional forums with emphasis on preparation, presentation, and evaluation. The course will address skills including interviewing, employing multimedia materials, using parliamentary procedure and group discussion and conflict mediation and resolution. This course partially satisfies the writing requirements as outlined in the General Education Requirements. 47 contact hours.

SPC 1060 "G" PUBLIC SPEAKING ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course offers practical experience in a variety of forms of public speaking, with the focus on development of personal communication skills and personal effectiveness with audiences. The course will evaluate the principles of speaking and listening using techniques including rhetorical criticism and parliamentary procedure. This course partially satisfies the writing requirements as outlined in the General Education Requirements. 47 contact hours.

SPC 1600 "G" INTRODUCTION TO SPEECH COMMUNICATION ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course is designed to assist the student in understanding and implementing oral communication skills. Learning is centered in student participation in a variety of speaking-listening situations designed to increase the understanding of the interpersonal nature of all speech communication. This course partially satisfies the writing requirements as outlined in General Education Requirements. 47 contact hours.

SPC 1600H "G" HONORS INTRODUCTION TO SPEECH COMMUNICATION ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course is designed to provide an understanding of the principles and procedures that promote effective communication. The course will be concerned with the functions that speech communication serves as well as examination of the various contexts in which communication occurs and the constraining factors that affect communication. Emphasis will be placed on the exploration of the theory and practice in presenting public speeches; determination of communication purpose, situational materials, language usage, and message orientation to designated listeners. This course partially satisfies the writing requirements as outlined in General Education Requirements. 47 contact hours.

SPC 2300 INTERPERSONAL COMMUNICATION ..... 3 credits
Prerequisite: ENC 1101 or IDS 1101H or ENC 1121H. This course is designed to provide an understanding of effective interpersonal communication behaviors and skills. The course is concerned with verbal and nonverbal elements affecting communication between individuals in family, peer group and work contexts. Students examine concepts and theories relevant to initiating, developing, modifying, maintaining, and terminating relationships with emphasis on the role of communication in the process. Lecture, discussion, in- and out-of-class observations, and "applied" assignments will be used to increase student knowledge and behavioral competence in interpersonal communication. 47 contact hours.

SPC 2594 FORENSICS LABORATORY ..... 1 credit
This course offers training and experience in public speaking skills. It provides opportunities to participate in campus speech events and intercollegiate forensics. This course may be taken for credit 4 times. 47 contact hours.

SPN 1120 ELEMENTARY SPANISH I ..... 4 credits
This course introduces students to the four skills (listening, speaking, reading and writing) of the Spanish language and teaches students to appreciate the cultures of Spanish speaking countries. 62 contact hours.

SPN 1121 ELEMENTARY SPANISH II ..... 4 credits
Prerequisite: SPN 1120or SPN 1122H or permission of instructor. This course reinforces the basic Spanish language skills previously acquired. The course further develops listening, speaking, reading and writing skills as well as an understanding and appreciation of the cultures of Spanish-speaking peoples. 62 contact hours.

SPN 1122H HONORS ELEMENTARY SPANISH I ..... 4 credits
Prerequisite: Permission of the instructor. This course is designed to develop the student's Spanish language knowledge and communication skills in the areas of pronunciation, grammar, vocabulary and culture. The student will practice listening, speaking, reading and writing in Spanish at a functional level of fluency and accuracy. 62 contact hours.

SPN 1123H HONORS ELEMENTARY SPANISH II ..... 4 credits
Prerequisite: SPN 1122H or permission of the instructor. This course is the continuation of SPN 1122H and continues to develop the student's Spanish language knowledge and communication skills in the areas of pronunciation, grammar, vocabulary and culture. The student will continue to practice listening, speaking, reading and writing in Spanish at a more sophisticated level of fluency and accuracy. 62 contact hours.

SPN 2200 INTERMEDIATE SPANISH I ..... 3 credits
Prerequisite: SPN 1121 or SPN 1123H or permission of instructor. This course expands and reviews the previously acquired Spanish language skills and includes more advanced language structures and idiomatic expressions, with emphasis on conversational skills. Enhancing vocabulary for practical purposes, including writing is emphasized. A variety of reading selections will be introduced. 47 contact hours.

SPN 2201 INTERMEDIATE SPANISH II ..... 3 credits
Prerequisite: SPN 2200 or permission of instructor. This course expands and reviews the Spanish language skills previously acquired by the students. Content includes but is not limited to more advanced linguistic structures and idiomatic expressions, with an emphasis on conversational skills. Growth in vocabulary for practical purposes is emphasized. A variety of writing exercises and reading selections will be included. 47 contact hours.

SPN 2240 SPANISH CONVERSATION AND COMPOSITION I ..... 3 credits
Prerequisite: SPN 2201 or permission of the instructor. This intermediate course is designed to improve the student's Spanish language skills in the areas of listening comprehension, reading, speaking and writing, with a concentration on oral and written communication. The student will practice to develop proficiency in oral expression and will produce written assignments at an intermediate level of grammatical accuracy. Course material will include a variety of authentic Spanish language texts. 47 contact hours.

SPN 2241 SPANISH CONVERSATION AND COMPOSITION II ..... 3 credits
Prerequisite: SPN 2240 or permission of the instructor. This intermediate course is a continuation of SPN 2240 and is designed to improve the student's Spanish language skills in the areas of listening comprehension, reading, speaking and writing, with a concentration on oral and written communication. The student will continue to practice developing proficiency in oral expression and will continue to produce written assignments at an intermediate level of grammatical accuracy. Course material will include a variety of authentic Spanish language texts. 47 contact hours.

SPW 2010 STUDIES IN SPANISH LITERATURE AND CULTURE I ..... 3 credits
Prerequisite: SPN 2201 or equivalent. This course enables the student to read and discuss the classic literary Masterpieces of Spain from the Middle Ages to the nineteenth century. Careful attention is given to correct expression and fluency development. This course is offered as a part of the Semester Experience Abroad program in Seville, Spain. 47 contact hours.

SPW 2011 STUDIES IN SPANISH LITERATURE AND CULTURE II ..... 3 credits
Prerequisite: Permission of program director, SPN 2201 or equivalent. This course enables the student to read and discuss the Spanish classic literary Masterpieces of the nineteenth and twentieth centuries, with emphasis on the contemporary. This course is offered as part of the Semester Experience Abroad program in Seville, Spain. 47 credit hours.

STA 2023 ELEMENTARY STATISTICS ..... 3 credits
Prerequisite: MAT 1033 or satisfactory score on the SPC mathematics placement test. This course includes concepts taken from topics which include descriptive statistics, measures of central tendency and dispersion, probability, probability distributions, relative frequency distributions, sampling distributions, binomial distribution, normal distribution, the student's t distribution, the Chi-square distribution, estimation using confidence intervals, hypothesis testing, linear regression and correlation. 47 contact hours.

SYG 1325 SOCIAL ISSUES CONFRONTING OUR SOCIETY ..... 1 credit
This course will consider varied topics dealing with current research in social issues. It is designed to provide family members, friends and coworkers with the opportunity to update knowledge to more effectively understand these issues associated with the topical issues. Course topics will be selected from: Substance Abuse: Recognition and Recovery; Disrupted Families; The Impaired Spouse; Substance Abuse in the Workplace; Children Living With Substance Abuse; Civilization at Risk: Challenge of the 90s; Paradox of Freedom: A Global Dilemma; 1492-1992: Dynamic of Discovery; Our Complex World: Balancing Unity & Diversity; Science, Humanities & Technology: Shaping a New Creation; Rights, Privileges & Responsibilities: An Indelicate Balance; Family: Myth, Metaphor and Reality; The Pursuit of Happiness; and others as developed. This course may be repeated for credit. 16 contact hours.

SYG 2000 "G" INTRODUCTORY SOCIOLOGY ..... 3 credits
Prerequisites: (REA 0002 and ENC 0020) or EAP 1695 or a satisfactory score on the SPC placement test. This course is the study of society and its effects upon individual behavior. Emphasis is placed on the group basis of society, points of conflict within societies, and societal trends in regard to increased growth and changing institutions. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

SYG 2010 "G" SOCIAL PROBLEMS ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. An analysis of major social problems in the United States. Emphasis is placed on the causes of social problems, approaches to the analyses of problems, and the interrelationship of problems. Course topics include crime, mental illness, poverty and inequality, family and marital problems, population and the environment. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

SYG 2221 "G" WOMEN AND SOCIETY ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course is an historical and contemporary examination of the changing political, social, economic, legal, and sexual roles of women in society. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

SYG 2324 PRINCIPLES OF SUBSTANCE ABUSE ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. An overview of substance abuse. Topics examined include: historical perspectives; identification, intervention and outcome of abusers and their families; treatment techniques; prevention, intervention and rehabilitation resources; types of therapeutic and support groups; and the pharmacology of commonly abused substances. The course is recommended for those persons who would like to gain knowledge about substance abuse and its effect in today's society. Three hours weekly.

SYG 2430 "G" MARRIAGE AND FAMILY ..... 3 credits
Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. This course deals with the following topics: human sexuality, pair relationships, love, communication, the dynamics of marital interaction, and alternative life styles. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

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SYP 2460 EFFECTS OF DISASTERS ON SOCIETY ..... 3 credits
Prerequisite: SYG 2000. This course focuses on human behavior and the stages of human response during and after a natural or man-made disaster; for example, hurricanes, tornados, earthquakes, floods, chemical spills, nuclear power plant accidents, riots, etc. 47 contact hours.

TAR 1271 PROFESSIONAL PRACTICE ..... 3 credits
This course is a general survey of office practices for the small entrepreneur in the Building Arts. It includes information on setting up an office, costs, fees, legal implications, local, state and federal regulations, and employee and client relationships. Three hours weekly.

TAR 1941 ARCHITECTURAL DRAFTING PRACTICUM ..... 3 credits
Prerequisite: TAR 2122C. This course is an intensive study in an area of special interest to the student in architectural drafting. Six hours weekly.

TAR 2054C INTRODUCTION TO AUTOCAD ..... 3 credits
Prerequisite: CTS 1101 or equivalent, or permission of instructor. This course is an introduction to computer-aided drafting, including basic concepts, hardware requirements, software options and applications. Emphasis is on the production of architectural drawings using AutoCAD software. Major topics include utilities, text, editing, dimensioning and plotting. 92 contact hours.

TAR 2055C INTERMEDIATE AUTOCAD ..... 3 credits
Prerequisite: TAR 2054C or permission of instructor. This course is a continuation of TAR 2054C using intermediate techniques of AutoCAD software to draft architectural drawings. Topics include the use of the rotation option to draw auxiliary views, plotting by various methods, extended work with blocks and their attributes, dimensioning, solids, 3-D drawings, system variables and customizing of AutoCAD software to meet user's specific needs. 92 contact hours.

TAR 2056C ADVANCED AUTOCAD ..... 3 credits
Prerequisite: TAR 2055C or permission of instructor. This is a continuation of TAR 2055C using advanced techniques of AutoCAD software to draft architectural drawings. Topics include the use of AutoCAD Advanced Modeling Extension (AME) 3-D drawing tools and facilities, and introductory AutoLISP programming techniques to construct 3-D drawings. 92 contact hours.

TAR 2057C AUTOCAD ARCHITECTURAL DESKTOP ..... 2 credits
Prerequisite: TAR 2055C or ETD 1350, or permission of instructor. This course is a hands-on training course for the use of AutoCAD Architectural Desktop, including hardware requirements, software options and applications. Emphasis is on the production of architectural drawings using Desktop software. Major topics include utilities, toolbars, editing and schedules. 62 contact hours.

TAR 2122C ADVANCED CONSTRUCTION DRAWING ..... 3 credits
Prerequisite: ARC 1126C or BCN 1251C or permission from instructor after review of previous work. This course covers architectural drawing applied to varied materials and structural systems, such as, prestressed concrete, steel and curtain walls. Emphasis will be on commercial construction. Students with previous computer-aided drafting experience have the option of completing the required assignments using computer-aided drafting systems. Six class and laboratory hours weekly.

TAR 2142C ARCHITECTURAL 3D MODELING AND RENDERING ..... 2 credits
Prerequisite: TAR 2055C or ETD 1350, or permission of instructor. This course focuses on hands-on software applications. Emphasis is on the production of 3D wire frame drawings, modeling, rendering and lighting. Emphasis will be placed on the production of high quality color printed output and video output presentations. 62 contact hours.

TAR 2144C ARCHITECTURAL ANIMATION ..... 2 credits
Prerequisite: TAR 2055C or ETD 1350, or permission of instructor. This course is an advanced AutoCAD computer-aided drafting course, including advanced concepts, hardware requirements, software options and applications. Emphasis is on the production of animated architectural models using AutoCAD software. 62 contact hours.

TAX 2000 INTRODUCTION TO BUSINESS TAXES ..... 3 credits
Prerequisites: ACG 2001 and ACG 2011, or ACG 2021, or permission of program director. This course is designed to provide an overview of the Federal Corporate, Partnership and individual income tax structure and the State of Florida business related tax structure. This course will provide training in these principles with applications using current tax documents (forms) in a small business environment. 47 contact hours.

THE 2000 INTRODUCTION TO THEATRE ARTS ..... 3 credits
A survey course of dramatic theory and history with special emphasis on play reading of representative genre. The essential qualities of actor, director, and the various designers are discussed, and stage terminology is defined. Written compositions are required. Classroom activity includes stage performance. Three hours weekly.

THE 2950C PLAY PRODUCTION ..... 3 credits
This is a course introducing the student to the technical aspects of theatre operations. Through classroom lectures and laboratory practice, the student will gain skills in all areas of technical activity including scene construction, costume and makeup, lighting, sound effects and music, and stage management. Participation in a public performance is required. Five lecture and laboratory hours weekly. Additional hours may be required during production weeks.

TPA 1230C INTRODUCTION TO COSTUME CONSTRUCTION ..... 3 credits
This course offers an introductory study of costume construction techniques including work with costume shop equipment, fabrics, pattern drafting and fabric dyeing and decoration. The course is designed to prepare the student to perform the responsibilities needed to work in and also maintain a costume shop. Through a working knowledge of costume construction, the student shall understand costume shop hierarchy and the importance of the costume construction in the professional and educational theatre. 47 contact hours and a minimum of 45 lab hours. Additional hours may be required during production weeks.

TPA 2200C STAGECRAFT I ..... 3 credits
This course introduces the student to the technical aspects of theatre operations. Through classroom lectures and laboratory practice, the student will gain skills in the fundamentals of scenery construction, painting and rigging. Participation in a public performance is required. 47 contact hours and a minimum of 45 lab hours. Additional hours may be required during production weeks.

TPA 2204C STAGECRAFT II ..... 3 credits
Prerequisite: TPA 2200C or THE 2950C or permission of instructor. This is a continuation of Stagecraft I, with an emphasis on more advanced construction techniques and problem solving with an introduction to theatrical drafting techniques and Computer-Aided Drafting (CAD). Students will serve in supervisory capacities on productions. 47 contact hours and a minimum of 45 lab hours. Additional hours may be required during production weeks.

TPA 2290 TECHNICAL THEATRE PRODUCTION ..... 1-3 credits
This is a course enabling participants in the production operations of a public performance to receive academic credit for their contributions. Through such participation, the student acquires practical skills in such areas of theatre as design, scene construction, lighting, sound and music, stage crew work, costumes, makeup and house management. May be repeated up to 12 credit hours. Credit will be awarded due to the difficulty of the tasks. Approximately 47 contact hours per credit.

TPA 2600C INTRODUCTION TO STAGE MANAGEMENT ..... 3 credits
This is a course designed to prepare the student to perform the responsibilities of a stage manager for a theatrical production, including organization, delegation, scheduling, and personnel management. Through a working knowledge of stage management, the student shall understand theatre hierarchy and the importance of the stage manager in the professional and educational theatre. 47 contact hours and a minimum of 45 lab hours. Additional hours may be required during production weeks.

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TPP 1100 ACTING I ..... 3 credits

Prerequisite: THE 2000. This course will include lectures and discussions to explain, analyze, and evaluate the theories, techniques, and principles of acting common to the various types of styles of dramatic production. Specific work in the areas of voice and body exercises and improvisations is included. Workshop projects help the student to develop his/her acting skills. 77 contact hours.

TPP 1111 ACTING II ..... 3 credits

Prerequisite: TPP 1100 or permission of instructor. This course is the second level of acting involving lectures, discussions, and laboratory work to explain, analyze, execute, and evaluate the theories, techniques, and principles of performing various styles of acting before an audience. Specific work in both classical and contemporary styles will be examined. Workshop projects both in class and for the public will help the student develop his/her acting skills. 77 contact hours.

TPP 2300 INTRODUCTION TO DIRECTING ..... 3 credits

Prerequisite: TPP 1100 or permission of the instructor. Lectures, demonstrations and discussions explain, analyze, and evaluate the theories, techniques and principles of directing common to the various types of styles of directing. Specific problems of script analysis and the director's relationship with actors, environment and audience will be studied. Workshop projects help the student to develop a directing style. Five lecture and laboratory hours weekly.

WOH 2040 THE TWENTIETH CENTURY ..... 3 credits

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Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. A study of world history surveying the cultural, political, social and economic transitions since 1900. Emphasis is placed on the turn-of-century dominance of Europe, the competitiveness and militarism that led to World War I, and the effects of the peace settlements. Attention is given to the Soviet Revolution, the rise of fascism, Nazism, Asian neo-imperialism, and the malaise of the democracies; the Depression and its consequences; aggression, appeasement and World War II; the Cold War, communist China, the rise of the "Third World" and conflicting issues and values in contemporary society. This course partially satisfies the Gordon Rule writing requirements outlined in the General Education Requirements. 47 contact hours.

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UPPER DIVISION COURSE DESCRIPTIONS

BCH 3023 ELEMENTARY ORGANIC AND BIOLOGICAL CHEMISTRY ..... 3 credits
Prerequisite: CHM 1046 and CHM 1046L. This course is designed primarily to teach biological chemistry and incorporate an integrated treatment of relevant organic chemistry. The aim of this course is to provide an understanding of the structure and function of biological molecules and their metabolism. This course is designed for majors in the Bachelor of Biological Science Education program. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 47 contact hours.

BSC 3096C HUMAN BIOLOGY WITH LAB ..... 4 credits
Prerequisites: BSC 2011, BSC 2011L, and BCH 3023. Corequisite: SCE 3945. This course is designed to teach human biology from the perspective of the human organism's structure and function, health and wellness, and interactions with the social and physical environment. The laboratory portion of this course includes 45 contact hours and allows students to apply their learned content in laboratory activities and problem solving situations. Students integrate interview results with middle-school aged students, from the Interactive Projects that Promote Learning in Science course into topics for additional investigation regarding personal choices, actions and health. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 92 contact hours.

BSC 4032 ISSUES AND CHALLENGES IN SCIENCE EDUCATION ..... 3 credits
Prerequisite: EDF 3214 and fourth year (senior) standing. This course is designed to address the challenge of transforming the Florida State Science Standards into individual classroom practices as an approach for improving science education to achieve the national goal of scientific literacy for middle school and secondary school students. Activities in this course will probe students' understanding of the big picture for the science courses and science education courses in their program, explore the history of science education reform in the United States, and investigate strategies for critical thinking in science. In addition, students will pick a topic on a current issue in teaching and learning in science to research and present in a course conference at the end of the term. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 47 contact hours.

BUL 3564 LEGAL ASPECTS OF MANAGING TECHNOLOGY ..... 3 credits
Suggested Prerequisite: The student should have a working knowledge of business law or BUL 2241, as determined by the Dean. This course gives the information technology student an overview of the legal issues involved in the emerging business realm of cyberspace. Topics include jurisdiction, intellectual property, taxation, on-line contracting, privacy and free speech, and criminal liability. 47 contact hours.

COM 3120 ORGANIZATIONAL COMMUNICATION ..... 3 credits
Prerequisite: SPC 1600, SPC 1016 or SPC 1060. This course will examine the process of communication within organizations. The topics of message dissemination, interpersonal communication, work group interaction, and nonverbal communication will be analyzed as to their impact on individuals and the organization. Emphasis will be placed on practical application techniques for diagnosing and resolving organizational communication problems. This course will also have a major writing requirement focusing on practical business writing techniques. 47 contact hours.

DEH 3730 DENTAL HYGIENE EDUCATIONAL CONCEPTS ..... 3 credits
Prerequisite: DEH 3814. This course is designed to provide the student with an introduction to educational concepts and theory relative to dental hygiene education. Topics included are course development and design, goals and objectives, laboratory and clinical instruction, principles of learning, learning styles and motivation, case-based learning, and using educational media and software. Emphasis will be on presenting the basic concepts of educational planning, development and evaluation. 47 contact hours.

DEH 3813 CONTEMPORARY ISSUES IN DENTAL HYGIENE ..... 4 credits
Prerequisite: Admission to the Dental Hygiene BAS program. This course is designed to update the student with the changing trends in Dental Hygiene. The role of the dental hygienist is to keep up with new systems in health care delivery, changing technology, increased geriatric population and a more informed public. Through this course and group projects, the student will begin developing skills in research and educational presentation. 62 contact hours.

DEH 3814 INTRODUCTION TO DENTAL HYGIENE RESEARCH ..... 3 credits
Prerequisite: DEH 3813. This course is an overview of the role and scope of research as it relates to the formation of dental hygiene knowledge and the application to dental hygiene practice. Focus is on basic strategies, methodology, and the types of research design. Critiquing of current dental hygiene research is included. 47 contact hours.

EDE 3221 INTEGRATED ELEMENTARY CURRICULUM ..... 1 credit
This course is an overview of elementary school curricula and organizational structures. It includes an integrated approach to the subject matter knowledge required for effective teaching of science, mathematics, language arts, reading, social sciences, and technology in the elementary school. The course emphasizes literacy, thematic issues, resources, portfolios, integrated scientific, technological, and mathematical competencies for teacher effectiveness. 17 contact hours.

EDE 3302 PREPARATION FOR AND MANAGEMENT OF CLASSROOM INSTRUCTION ..... 2 credits
This course is an introduction to the design and implementation of curricula and strategies for instructional planning (goals, objectives, assessment), resources, learning theory applications, instructional media, and managing student progress in learning. Preservice teachers learn reflective practices. This course is writing intensive. 32 contact hours.

EDE 4220 INTEGRATED HEALTH AND RECREATION ..... 1 credit
Prerequisite: EDF 3214. This course is designed to help the student gain knowledge and competencies necessary to become an effective teacher and leader in the areas of elementary school integrated health and recreation. It develops the theoretical bases for health and recreation learning and teaching; illustrates and applies models for integrating elementary teaching; provides practical experience in curriculum, instruction and assessment. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the disciplines and requirements for certification. 17 contact hours.

EDE 4223 INTEGRATED MUSIC, ART AND MOVEMENT ..... 1 credit
Prerequisite: EDF 3214. This course is designed to help the student gain knowledge and competencies necessary to become an effective teacher and leader in the areas of elementary school integrated music, art and movement. It develops the theoretical bases for music, art and movement learning and teaching; illustrates and applies models for integrating elementary teaching; provides practical experience in curriculum, instruction and assessment. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the disciplines and requirements for certification. 17 contact hours.

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EDE 4226 INTEGRATED LANGUAGE ARTS, CHILDREN'S LITERATURE AND SOCIAL SCIENCES ..... 3 credits

Prerequisites: EDF 3214, EDG 3620, RED 3309. Corequisite: EDE 4942. This course is designed to help the student gain knowledge and competencies necessary to become an effective teacher and leader in the areas of elementary school language arts, children's literature and social sciences. It develops the theoretical bases for language arts, children's literature and social sciences learning and teaching; illustrates and applies models for integrating the teaching of these areas; provides practical experience in curriculum, instruction and assessment. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the disciplines and required for certification. 47 contact hours.

EDE 4304 INTEGRATED MATHEMATICS AND SCIENCE ..... 4 credits

Corequisite: EDE 4943. This course is designed to help the student gain knowledge and competencies necessary to become an effective teacher and leader in the areas of elementary school mathematics and science. It develops the theoretical bases for mathematics and science learning and teaching; illustrates and applies models for integrating elementary mathematics and science teaching; provides practical experience in curriculum, instruction and assessment. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the disciplines and required for certification. 62 contact hours.

EDE 4421 EVALUATION IN ELEMENTARY EDUCATION ..... 2 credits

Prerequisites: EDF 3214; EDF 4430. This course is designed to extend the knowledge base acquired in Measurement, Evaluation and Assessment in Education K-12 to focus on the evaluation of measurement in grades K-6. Teachers learn the principles needed to interpret and understand all types of standardized and non-standardized assessment tools. 32 contact hours.

EDE 4940 INTERNSHIP: ELEMENTARY EDUCATION ..... 12 credits

Prerequisites: Completion of all program requirements and passing all required sections of the Florida Teacher Certification Exam. This course requires a teacher candidate to demonstrate preprofessional competencies during one semester of full day internship in a public or private school as approved by the dean. The internship also includes a series of mandatory professional leadership seminars. Contact hours: a minimum of 35 hours per week for 15 weeks.

EDE 4942 INTEGRATED LANGUAGE ARTS, CHILDREN'S LITERATURE AND SOCIAL SCIENCE PRACTICUM ..... 2 credits

Prerequisites: EDF 3214, EDG 3620, RED 3309. Corequisite: EDE 4226. This course is designed to give practical experience to students through school-based experiences in public and approved private school classrooms. Students work directly with elementary classroom teachers and have an opportunity to teach both large and small group activities, particularly children's literature, language arts and social science. This course is designed to develop competencies relative to program planning instruction, daily schedule, record keeping, evaluation, classroom management, reporting to parents, professional organizations, and teacher ethics. Students spend a minimum of forty (40) school-based hours in the elementary classroom. 47 contact hours.

EDE 4943 INTEGRATED MATHEMATICS AND SCIENCE PRACTICUM ..... 2 credits

Prerequisite: EDF 3214. Corequisite: EDE 4304. This course is designed to give practical experience to students through school-based experiences in public and approved private school classrooms. Students work directly with elementary classroom teachers and have opportunity to teach both large and small group activities, particularly Math and Science. This course is designed to develop competencies relative to program planning instruction, daily schedule, record keeping, evaluation, classroom management, reporting to parents, professional organizations, and teacher ethics. Students spend a minimum of forty (40) school-based hours (SBH) in the elementary classroom. 48 contact hours.

EDF 3214 STUDENT DEVELOPMENT AND LEARNING PRINCIPLES K-12 ..... 3 credits

Prerequisites: PSY 1012 or DEP 2004. This course is designed to cover principles of learning and student development and their applications to learning/teaching situations. Self-concept, motivation, views of intelligence and assessment are examined with opportunities to analyze teaching/learning episodes and to develop a repertoire of teaching approaches. Emphasis is placed on the interaction between the role of the teacher and the needs and learning styles of students at various developmental ages and stages. A minimum of 5 clock hours of observation/teaching specifically related to principles of learning and development are required. 47 contact hours.

EDF 4430 MEASUREMENT, EVALUATION AND ASSESSMENT IN EDUCATION K-12 ..... 2 credits

This course is designed to study advanced principles of measurement, evaluation and assessment. Knowledge of and competencies for analyzing learner needs, instructional adaptation, differences in learner cognitive, social, linguistic, cultural, emotional and physical needs. 32 contact hours.

EDF 4780 ETHICAL AND LEGAL ISSUES IN EDUCATION ..... 1 credit

This course is a practical approach to recognizing, understanding, and attempting to resolve ethical and legal problems confronting teachers in today's educational environment. Selected education law, Code of Ethics and Principles of Professional Conduct of the Education Profession in Florida, and selected ethical approaches representing main themes in moral philosophy as they apply in the school and classroom will be addressed. Emphasis will be placed on developing skills necessary for critical thinking, responsible decision-making, and multicultural sensitivity in the educational environment. 17 contact hours.

EDG 3041 PAIDEIA I ..... 1 credit

This course is a special session centering around a specific topic designed to enhance specific professional skills: character education and counseling skills for teachers with the intent of establishing an environment of respect and rapport. PAIDEIA is the ancient Greek word for *education*. It is the process of acquiring knowledge. It is also the result of that process, that is, learning and culture. A common cultural tradition is created and renewed by generations of persons who have learned. SPC's College of Education recognizes that life in community depends on centuries of shared wisdom. 17 contact hours.

EDG 3410 CLASSROOM MANAGEMENT AND COMMUNICATION K-12 ..... 2 credits

Prerequisite: EDF 3214. This course covers basic skills and knowledge for creating a learning environment that encourages positive social interaction and effective communication among members of the learning community. The course emphasizes attitudes, language patterns, values, and behaviors for eliciting and maintaining student learning as well as on-task behaviors. The course also includes methods and strategies for consulting with other school professionals and parents. 32 contact hours.

EDG 3620 CURRICULUM AND INSTRUCTION ..... 2 credits

This course is an introduction to major concepts, assumptions, debates, processes of inquiry, and ways of knowing within the school curriculum. Preservice teachers create coherent, meaningful learning experiences using the major philosophical foundations of education to develop learners' competence in subject matter knowledge. Preservice teachers evaluate the suitability of the content against learner intellectual, social, emotional, physical characteristics. This course is writing intensive. 32 contact hours.

EDG 4043 PAIDEIA II ..... 1 credit

Prerequisites: EDF 3214, EDG 3041 and 18 semester hours upper-division courses. This course is a special session centering around a specific topic designed to enhance specific professional skills. PAIDEIA is the ancient Greek word for *education*. It is the process of acquiring knowledge. It is also the result of that process, that is, learning and culture. A common cultural tradition is created and renewed by generations of persons who have learned. SPC's College of Education recognizes that life in community depends on centuries of shared wisdom. Professional seminars include readings, discussion, and presentations in "mental toughness" with the aim of helping future teachers manage themselves, their circumstances and students in effective ways. 17 contact hours.

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EEX 3011 NATURE AND NEEDS OF EXCEPTIONAL STUDENTS K-12 ..... 3 credits

This course is designed to review topics including etiology, terminology, classification, prevalence, history, behaviors and characteristics, and educational approaches of exceptional students. This course is required for state certification in all areas of elementary education and exceptional education. It includes a minimum of 10 clock hours of observation/teaching in special education setting(s). 47 contact hours.

EEX 3101 SURVEY OF NORMAL/ABNORMAL LANGUAGE AND SPEECH DEVELOPMENT ..... 1 credit

This course is a survey of normal language and speech development, an overview of major communication disorders and supportive strategies for classroom teachers. 17 contact hours.

EEX 3240 ORGANIZATION, CURRICULUM AND INSTRUCTION FOR EXCEPTIONAL STUDENTS ..... 2 credits

Prerequisite: EDF 3214. This course is an assessment of organization, curriculum materials, effective strategies, and technologies available to teach exceptional students. 32 contact hours.

EEX 3280 CAREER/VOCATIONAL ASSESSMENT AND INSTRUCTIONAL PLANNING ..... 1 credit

Prerequisite: EEX 3011. This course will give prospective teachers an understanding of how exceptional students move successfully from the school environment to the community environment which best meets their needs. 17 contact hours.

EEX 4221 EDUCATIONAL ASSESSMENT OF EXCEPTIONAL STUDENTS ..... 3 credits

Prerequisites: EDF 3214, EDF 4430, EEX 3011. This course is a study of theory and practice of informal and formal assessment of behavior and/or learning problems. Practice with evaluation instruments and strategies is a key component of the course. Use of assessment information in designing academic K-12 curriculum plans is taught. 47 contact hours.

EEX 4261 CURRICULUM & INSTRUCTION STRATEGIES FOR STUDENTS WITH BEHAVIORAL DISORDERS AND SPECIFIC LEARNING DISABILITIES ..... 4 credits

Prerequisite: EDF 3214. This course addresses curriculum, materials, effective strategies and technologies available to teach students with behavioral disorders and specific learning disabilities. Learning theory and strategies are analyzed and applied. This course emphasizes basic knowledge and skills for establishing and maintaining order in the classroom, problem-solving, developing social skills. It includes a minimum of ten school-based hours of observation/teaching in an exceptional educational setting(s). 62 contact hours.

EEX 4604 BEHAVIOR MANAGEMENT OF EXCEPTIONAL STUDENTS ..... 3 credits

Prerequisites: EDF 3214, EEX 3011. This course is designed to prepare teachers for the educational management of exceptional students with emphasis on behavior management and consultation skills. Students will gain a basic knowledge of how to create and maintain an on-task, safe and healthy environment for learning in the exceptional education classroom as well as the inclusive classroom. 47 contact hours.

EEX 4940 INTERNSHIP: EXCEPTIONAL STUDENT EDUCATION ..... 12 credits

Prerequisites: Completion of all program requirements and passing all required sections of the Florida Teacher Certification Exam. This course requires a teacher candidate to demonstrate preprofessional competencies during one semester of full day internship in a public or private school (approved by the dean). The internship also includes a series of mandatory professional leadership seminars. Contact hours: a minimum of 35 hours per week for 15 weeks.

ETI 3124 EFFECTIVE SOFTWARE TESTING METHODOLOGIES ..... 3 credits

Prerequisite: ISM 3232. This course focuses on the test environment, test planning, execution of the test plan, and test analysis and reporting. Other topics include test principles and concepts, the tester's role, test management, risk analysis in testing, test design, defect tracking, and acceptance testing. 47 contact hours.

ETI 3413 MANUFACTURING SYSTEMS AND PROCESSES ..... 3 credits

Prerequisite: MAN 3504 or ETI 1482C or permission of the instructor. This course presents the advanced machining processes, equipment, and systems used in competitive manufacturing environments. Characteristics of surface technology, micro-electronic device fabrication, quality assurance, human factors engineering, product liability, automation, and techniques of modern integrated manufacturing systems are presented. 47 contact hours.

ETI 4448 APPLIED PROJECT MANAGEMENT ..... 3 credits

Prerequisite: MAN 3504 or permission of the instructor. The student should have a working knowledge of basic project management concepts and Project Management software tools. This course provides students with an understanding of the concepts of project management (PM) and its application in the information technology environment. Students will gain an understanding of the fundamentals of the project management framework and understand how to apply the nine project management areas – integration, scope, time, cost, quality, human resources, communications, risk and procurement management. The project management processes of initiating; planning, executing, controlling and closing used in information technology projects will be covered. Techniques suitable for management of large and small projects in business environments will be discussed. 47 contact hours.

ETI 4621 TECHNIQUES IN LEAN MANUFACTURING ..... 3 credits

Prerequisite: MAN 3504 or ETI 1482C or permission of the instructor. This course presents the basic principles techniques, and benefits of lean manufacturing for a world-class manufacturing environment. Lean manufacturing involves identifying and eliminating non-value-adding activities in design, production, supply chain management, and customer relations. The coverage includes topics related to manufacturing improvement, value stream mapping, total productive maintenance (TPM), modular manufacturing, continual improvement, overall equipment effectiveness (OEE), and process capability. 47 contact hours.

FIN 3400 FINANCE FOR MANAGERS ..... 3 credits

Suggested Prerequisite(s): The student should have a working knowledge of general accounting, cash management or treasury management or ACG 2001 or ACG 2021, as determined by the Dean. This is an introductory course in managerial finance in which the student should attain a clear, basic understanding of the fundamentals of financial decision-making. Emphasis is given to the underlying principles of corporate finance and their associations to the decision-making framework faced by a financial manager who is charged with maximizing shareholders' wealth. Topics include financial statement analysis, financial planning and forecasting, time value of money, risk and rates of return, asset valuation, capital budgeting, capital structure, dividend policy and working capital management. 47 contact hours.

ISM 3203 DATA ANALYSIS AND INFORMATION MODELING ..... 3 credits

Prerequisite: Admission to the Technology Management program and CGS 1545 or permission of the Dean. The student should have a preliminary knowledge of programming, system analysis, database administration and data structures or Database Techniques and Programming, as determined by the Dean. This course focuses on the skills and knowledge necessary to develop data models and information bases aligned with the requirements of the business. The course addresses issues including: data entity identification and description, entity relationship modeling, data model refinement, normalization, de-normalization, recursive relationships, bifurcated relationships, strong vs. weak relationship and loose vs. tight coupling. In addition, entity life history analysis and business event identification will be addressed. The course will bridge the relationship of data base design and data base administration by addressing resource management, data administration, security and database tuning issues as well as backup and recovery. 47 contact hours.

ISM 3232 ADVANCED BUSINESS APPLICATION DEVELOPMENT ..... 3 credits

Prerequisite(s): CIS 2321 or permission of the instructor. An understanding of computer systems analysis and processes is suggested. This course covers business application development using a key modern programming language. Advanced topics include data structures, indexing, file processing, and user inter-

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face. The course also covers good design techniques and practices. An individual or team project will provide hands-on experience in programming and business application development. 47 contact hours.

ISM 3401 BUSINESS ARCHITECTURE AND PROCESS MODELING ..... 3 credits

Prerequisite: Admission to the Technology Management program. This course focuses on the definition and building of effective business models. It includes process design and business process reengineering as well as effective business practices in process modeling. Issues addressed in the course include business event identification and response, foundation process modeling, process diagramming and validation, data flow diagramming, horizontal and vertical process balancing, process "starvation" and process effectiveness as well as conceptualization to implementation of effective business processes and process reengineering. 47 contact hours.

ISM 3432 QUALITY ASSURANCE METHODOLOGY ..... 3 credits

This course covers fundamentals of applied IT quality assurance, including quality principles, understanding features for developing quality software, quality models, quality management, process improvement, risk assessment and measuring for results. 47 contact hours.

ISM 3930 SEMINARS IN TECHNOLOGY MANAGEMENT ..... 1 credit

Prerequisite: Admission to the Technology Management program. This course focuses on current and emerging issues in the management of technology in a modern business. Its format and topics will vary but will typically include a half-day to one-day seminars by one or more industry subject-matter experts on a specific technology management topic such as telecommunication, information security, system development management, etc. The requirements of each student will vary with the topics in question. This course must be taken 3 times for a total of 3 credits using different seminar topics. In addition, students can take it a 4th time as an elective for 1 credit under a different seminar topic. 16 contact hours.

ISM 4212 DATABASE DESIGN AND OPERATIONS ..... 3 credits

Prerequisite: ISM 3232 or ISM 3203, or permission of the instructor. This course covers essentials of database administration in a business environment and provides hands-on experience that includes resource management, data administration, security and database tuning issues. The course also covers principles of database design/management of mainframe, micro and client/server environment; including data modeling, physical vs. logical network representation and back-up and recovery management. Emerging database concepts and issues will also be covered. 47 contact hours.

ISM 4220 NETWORK MANAGEMENT FOR INFORMATION PROFESSIONALS ..... 3 credits

Prerequisite(s): ISM 3232 or CGS 1263 or permission of the instructor. This course is designed to give the student an understanding of the various networking technologies and their practical application and management in a business. The goal of the course is to discuss the technical issues involved in designing and implementing an efficient information network and the security and also covers human aspects of its management. 47 contact hours.

ISM 4234 SOFTWARE DEVELOPMENT MANAGEMENT ..... 3 credits

Suggested Prerequisite(s): The student should have sufficient industry experience in computer programming and microcomputer software design or CGS 1000 and/or CIS 2321, as determined by the Dean. The student should have taken a course or have an understanding of systems analysis before enrolling in this course. This course focuses on the principles of development of software systems following software engineering practices. Students work in multi-person teams on software projects of significant scale. Topics include: conventional software management, software economics, life cycle phases, software life cycle models, effective team building, requirements analysis, design, inspection, testing, documentation, configuration control, application generators, Computer Assisted Software Engineering (CASE) tools. This course will cover topics necessary to take a software project from idea to reality. 47 contact hours.

ISM 4301 MANAGING INFORMATION RESOURCES AND SERVICES ..... 3 credits

Prerequisite(s): ISM 3232 or CGS 1263. College algebra is suggested. This course addresses key technology management issues as they are applied to information resources management (IRM) for information centers and information services. The course will include fundamentals of networking and telecommunications covering LAN's to "information superhighways." The course also includes introduction to voice, data and video traffic requirements and covers techniques for management of communication resources and services and information to oversee the network administration and network system management. 47 contact hours.

ISM 4323 SECURITY ESSENTIALS ..... 3 credits

Prerequisite: ISM 3232 or basic understanding of network, database and application principles is suggested. This course includes the study of security issues: access control, authentication, authorization, and non-repudiation as well as network security, platform security, data and file security, virus detection and management, scam control and security administration. Also included are support technologies and tools such as: security gateways, firewall, certification authorities, Public Key Identifiers (PKI) services. 47 contact hours.

ISM 4480 ELECTRONIC COMMERCE SYSTEMS AND STRATEGIES ..... 3 credits

Prerequisite: MAN 3504 or permission of the instructor. The course addresses issues including the digital economy, electronic commerce (EC) marketing, EC models and applications as well as building and implementing EC systems. The course will cover the underlying technologies used in the implementation of electronic commerce systems. It identifies the practical skills needed and tools to design and develop effective systems and interfaces. Architectures and interdependence of systems and software that support E-commerce and the state of the art in successful E-commerce systems will also be discussed. 47 contact hours.

ISM 4881 SENIOR CAPSTONE PROJECT ..... 3 credits

Prerequisite: Permission of Dean; Senior Standing. This course is the capstone class for technology management and it will be the opportunity for the student to demonstrate that he/she has assimilated the material from the program and can apply it in the real world. It should be taken during the student's last semester at the college. It focuses on giving the student practical, business-world experience in actual cases and companies dealing with technology management issues today. It is expected that the student will have one major case study to address in detail. 47 contact hours.

LAE 4416 INTERMEDIATE LITERACY 3-6: WRITING AND THINKING ..... 3 credits

This course is an introduction to writing instruction and the best methods to use with students in grades three through six. This course will examine the development of writing instruction over the past thirty years and provide knowledge about those who have been most influential in its evolution. This course will examine, among many other things, the writing process, the use of a daily writing workshop for instructional purposes, materials to use for instructing and assessing writing, the place of literature in the writing classroom and ways to use writing to enhance thinking throughout all curriculum areas. 47 contact hours.

MAD 3107 DISCRETE STRUCTURES ..... 3 credits

Prerequisite: MAC 2312. This course is designed to give secondary mathematics education majors a thorough understanding of the nature and importance of mathematical proof as well as provide knowledge of a variety of discrete mathematics topics. Topics include proofs and proof techniques, direct proof, proof by cases, proof using the contrapositive, proof by contradiction, proof by counterexample, mathematical induction logical arguments, sets and relations including equivalence relations and partial orders, functions and their inverses and compositions, recursion and recurrence relations, probability, counting principles, permutations, combinations, graph theory, and trees. Special emphasis will be placed on mathematical reasoning and on connecting the central mathematical concepts contained in this course with related topics across both secondary and college-level mathematics curricula. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certifica-

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tion. 47 contact hours. (Credit is not also given for MAD 2104.) Mathematics education majors are required to complete MAD 3107 Discrete Structures.

MAE 3166 BUILDING TRUST IN THE MATHEMATICS CLASSROOM ..... 1 credit

This course introduces strategies for establishing a relationship of trust in the mathematics classroom and creating a classroom environment of respect and rapport. Students will also learn techniques for producing positive student behavior. This course includes a minimum of 10 clock hours of observation/teaching specifically related to principles of establishing a learning environment of trust, respect and rapport. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 17 contact hours.

MAE 3320 INTERACTIVE MIDDLE SCHOOL MATHEMATICS PROJECTS ..... 2 credits

Corequisite: MAE 3941. This course is designed for students who are majoring in secondary mathematics education and who will be obtaining teacher certification in grades 6-12. In this course students learn principles of effective curriculum design and assessment and apply these principles by designing and developing interactive mathematics curriculum projects for middle school students. This course is offered concurrently with MAE 3941, a one credit hour practicum in which students present their projects in middle school classroom environments. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 32 contact hours.

MAE 3941 INTERACTIVE MIDDLE SCHOOL MATHEMATICS PROJECTS PRACTICUM ..... 1 credit

Prerequisite: EDF 3214. Corequisite: MAE 3320. This course is designed for students who are majoring in secondary mathematics education and who will be obtaining teacher certification in grades 6-12. This practicum accompanies MAE 3320 and provides students with opportunities to present their interactive curriculum projects to middle school students in local area school districts. Students spend a minimum of 40 school-based hours in the middle school classroom. Project presentations will be coordinated with inservice middle school teachers and their curriculum schedules and needs. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 40 contact hours.

MAE 4330 INSTRUCTIONAL METHODS IN SECONDARY MATHEMATICS WITH TECHNOLOGY ..... 3 credits

Prerequisites: Fourth year (senior) standing. Corequisites: MAE 4942 and MHF 4404. This course is designed for students who are majoring in secondary mathematics education and is offered concurrently with MAE 4942, Instructional Methods in Secondary Mathematics and Technology Practicum. This course addresses the required instructional methods, techniques, strategies, resources, and assessment considerations for effective teaching of secondary mathematics. It also incorporates appropriate technology to support the learning of mathematics. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 47 contact hours.

MAE 4641 ASSESSING COGNITIVE AND AFFECTIVE ISSUES IN LEARNING MATHEMATICS ..... 2 credits

Prerequisite: EDF 3214. This course is designed for students who are majoring in secondary mathematics education and who will be obtaining teacher certification in grades 6-12. This course assesses research-based evidence of cognitive and affective factors that impede or enhance learning (e.g., learner characteristics, what makes learning a particular concept difficult, teaching methodologies for specific areas of content) and applies this evidence to the teaching of mathematics. It emphasizes pedagogical reflection and problem solving by means of active learning strategies, physical and visual materials, print and electronic resources and effective questioning and communicating. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 32 contact hours.

MAE 4940 INTERNSHIP: SECONDARY MATHEMATICS EDUCATION, 6-12 ..... 12 credits

Prerequisites: Completion of all program requirements and passing all required sections of the Florida Teacher Certification Exam. This course requires a teacher candidate to demonstrate pre-professional competencies during a semester long internship in a public or approved-by-the-dean private school. The internship also includes a series of mandatory professional leadership seminars. Contact hours: a minimum of 35 hours per week for 15 weeks.

MAE 4942 INSTRUCTIONAL METHODS IN SECONDARY MATHEMATICS WITH TECHNOLOGY PRACTICUM ..... 1 credit

Prerequisites: Fourth year (senior) standing. Corequisites: MAE 4330 and MHF 4404. This course is designed for students who are majoring in secondary mathematics education and is offered concurrently with Instructional Methods in Secondary Mathematics with Technology. This course provides students with opportunities to apply the knowledge of teaching methods, techniques, and strategies learned in MAE 4330. 40 clock hours of teaching/observation are required and will be coordinated with in-service high school teachers and their curriculum schedules and needs. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 15 contact hours.

MAN 3240 APPLIED ORGANIZATIONAL BEHAVIOR ..... 4 credits

This course will provide a broad overview of organizational functioning. This will include basic management, individual differences, diversity, communication, motivation, team building, leadership and the dimensions of organizational structure, design, culture and change. 62 contact hours.

MAN 3504 OPERATIONS MANAGEMENT: AN ENTERPRISE OVERVIEW ..... 3 credits

This course helps the student understand the entire enterprise and the role of operations management in an organization. Students will understand how to identify key factors impacting decisions and will be exposed to analytical tools to aid in decision making. As examples, students will examine the basic operations models for a variable cost services business (call center); a fixed cost services business (telecommunications network); a product manufacturing business; and a distribution business (E-commerce). 47 contact hours.

MAN 3949 TECHNOLOGY MANAGEMENT CO OP WORK EXPERIENCE ..... 3 credits

Prerequisite: Faculty advisor/co-op coordinator approval. The portfolio of work will be reviewed by a faculty member for relevance to the studies, nature/quality of the work and the student's individual contributions. This course provides a mechanism to earn credit for relevant work experience, on the job. Those already working in the field can earn credit for their on-the-job training and effort. Students will be required to complete a portfolio and make a presentation to earn this credit. A minimum of 15 hours per week for 15 weeks is required. Co-op courses may be repeated but total credits shall not exceed 12.

MAN 4151 MOTIVATIONAL AND TEAM BUILDING STRATEGIES ..... 3 credits

This course covers the theories of motivation in the work environment. Topics will include the basic principles of human behavior, personality styles and traits and the sources of interpersonal conflict. Team building roles, rules, responsibilities and structure, role modeling, as well as self-management and self-direction will be examined, discussed and applied. Additional topics include empowerment, delegation and cultural diversity in the workplace. 47 contact hours.

MAR 3802 TECHNICAL MARKETING FOR MANAGERS ..... 3 credits

Prerequisite: MAN 3504 or MAR 2011 or permission of the instructor. This course helps develop the marketing skills necessary for the successful technology manager. Students will understand the strategies of marketing and the ways in which one executes a marketing plan. The course covers full life-cycle product marketing support as well as the marketing of services. 47 contact hours.

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MAS 3105 LINEAR ALGEBRA WITH APPLICATIONS ..... 4 credits

Prerequisites: MAC 2312. This course is designed for students who are majoring in secondary mathematics education, mathematics, science or engineering. This course provides a thorough treatment of linear algebra using a matrix-oriented approach. Major topics include: matrices, systems of linear equations, linear transformations, determinants, eigenvectors and eigenvalues, vector spaces, subspaces, inner product spaces, and orthogonality. Emphasis is on gaining a deep understanding of the subject matter through the use of technology and application projects; emphasis is also given to development of algebraic reasoning abilities in analyzing conceptual relationships. This course addresses specific Sunshine State Standards, subject matter competencies and pedagogy pertinent to the discipline and required for certification. (Credit is not also given for MAS 2103.) 62 contact hours.

MAS 4203 NUMBER THEORY ..... 3 credits

Prerequisites: MAC 2312 (EDF 3214 is also required for Mathematics Education majors). This course is designed for students who are majoring in secondary mathematics education, mathematics, science or engineering. This course offers an investigative approach to number theory in which students develop their capacity to formulate conjectures and explore their ideas and inquiries through the use of technology. Formal proofs are constructed in order to develop concepts in number theory. Major topics include: divisibility, the Euclidean algorithm, Diophantine equations, factorization, the Fundamental Theorem of Arithmetic, prime numbers, congruences, and number-theoretic functions. Emphasis is on gaining an understanding of the nature of mathematical thinking and learning. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. This course is required for Mathematics Education majors. 47 contact hours.

MAS 4301 INTRODUCTORY ABSTRACT ALGEBRA ..... 3 credits

Prerequisites: MAS 3105 (EDF 3214 is also required for Mathematics Education majors). This course is designed for students majoring in secondary mathematics education, mathematics, science or engineering. This course presents an introduction to the basic structures of abstract algebra with the aim of connecting these structures to high school mathematics curricula. Major topics include: groups and subgroups, permutations and symmetries, properties of the integers, rings and subrings, ideals, integral domains, and fields. Emphasis is on developing understanding through active investigation of the concepts presented. Emphasis is also given to development of algebraic reasoning abilities in analyzing conceptual relationships. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 47 contact hours.

MHF 4404 PERSPECTIVES IN MATHEMATICS ..... 3 credits

Corequisites: MAE 4330, MAE 4942 and fourth-year (senior) standing. This course is designed as a capstone course for those students who are majoring in secondary mathematics education. This course consists of readings in the history and philosophy of mathematics and in current issues involving mathematics and society. Contributions from mathematicians such as Archimedes, Descartes, Fermat, Newton, Leibnitz, Euler, and Gauss are discussed. Emphasis is given to how mathematics relates across disciplines as well as mathematical connections within the discipline; fundamental ideas of high school mathematics are examined from an advanced standpoint. This is a writing-intensive course in which each student develops a portfolio of course accomplishments. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 47 contact hours.

MTG 3212 MODERN GEOMETRIES ..... 4 credits

Prerequisite: MAC 2312. This course is designed for in-service middle and high school teachers and for students who are majoring in secondary mathematics education. This course presents the axioms, basic concepts, proofs and constructions of Euclidean geometry involving line segments, angles, triangles, polygons, circles, parallel lines and similarity. Constructions are made using both compass and straightedge and interactive geometry software. The course also presents basic concepts of non-Euclidean geometries including hyperbolic and spherical. Emphasis is on using technology to make conjectures and discoveries concerning geometrical relationships and then constructing proofs to verify the relationships. Each student will develop an electronic portfolio of course projects and accomplishments incorporating appropriate Florida Educator Accomplished Practices. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 62 contact hours. (Credit is not also given for MTG 2206.) Mathematics education majors are required to complete MTG 3212.

NUR 3066C HEALTH ASSESSMENT AND PHYSICAL APPRAISAL ..... 4 credits

Prerequisites: NUR 3805 and NUR 3125. This course focuses on client assessment, health risks and formation of nursing diagnoses and health teaching. Emphasis is on the process of client interaction and use of appraisal skills in the collection of bio-psychosocial data across the life span. Application of pathophysiological concepts is required. 75 contact hours.

NUR 3125 PATHOPHYSIOLOGY ..... 3 credits

Prerequisite: NUR 3805. This course focuses on cellular alterations in organ systems as they relate to selected disease states that effect the health of people as holistic beings. Special emphasis is on critical thinking and decision making related to these alterations in homeodynamic balance, their presentation and implications for nursing practice. 47 contact hours.

NUR 3655 NURSING IN A MULTICULTURAL SOCIETY ..... 2 credits

Prerequisite: NUR 3805. This course provides an examination of personal values, cultural beliefs and practices of selected cultural groups that contribute to the holistic nature of each group member. The focus is on communication and cultural responses to health and illness as they influence the homeodynamic balance of individuals and families. Nursing interventions that integrate varying cultural health practices are acquired. 32 contact hours.

NUR 3805 PROFESSIONAL ROLES AND DIMENSIONS OF NURSING PRACTICE ..... 4 credits

This course encompasses an introduction to the history, trends, issues, and evolution of the nursing profession. The course includes an overview of selected nursing theorists, ethical-legal concepts, and professional nursing practice in the changing health care delivery system. Opportunities will be presented that provide for the development of further socialization into the professional role of nursing. 62 contact hours.

NUR 4165 INTRODUCTION TO NURSING RESEARCH ..... 2 credits

This course is an overview of the role and scope of research as it relates to the formation of nursing knowledge and the application to nursing practice. The focus is on basic strategies, methodology, and the types of research design. Critiquing of current nursing research is included. 32 contact hours.

NUR 4285 AGING AND END OF LIFE ISSUES ..... 3 credits

Prerequisite: NUR 3066C. This course encompasses the study of the normal aging process, common bio-psychosocial disruptions, and holistic interventions with emphasis on health formation and disease prevention. Additional focus is upon understanding the uniqueness of the dying and grieving process, end of life issues and supportive modalities for individuals and families. 47 contact hours.

NUR 4606 NURSING OF THE FAMILY ..... 3 credits

Prerequisites: NUR 3066C and NUR 3805. This course focuses on the nurse's role in managing the holistic health care of individuals and families with bio-psychosocial disruptions. Emphasis is on the nursing process and principles from nursing, physical and behavioral sciences to enhance knowledge development necessary for the promotion of client/family well-being throughout the life span. 47 contact hours.

NUR 4606L NURSING OF THE FAMILY PRACTICUM ..... 7 credits

Corequisite: NUR 4606. This course applies theoretical concepts and the nursing process in providing holistic health care for individuals and the family experiencing major bio-psychosocial disruptions. Emphasis in the course is on the use of increased clinical judgment in collaboration with other health care professionals for the purpose of promoting and maintaining optimal client /family

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health, rehabilitation and care to the end of life. It will include clinical experience in a variety of clinical settings. 105 contact hours.

NUR 4636 COMMUNITY HEALTH NURSING THEORY ..... 3 credits
Prerequisite: NUR 3805 and NUR 3066C. This course focuses on the holistic nursing role in the community. Emphasis is on concepts and theories related to community health nursing. Special attention is given to the community as client with emphasis on health promotion/disease prevention and teaching of groups in community settings. 47 contact hours.

NUR 4636L COMMUNITY HEALTH NURSING PRACTICUM ..... 4 credits
Prerequisite: NUR 4636. This course offers opportunities to practice the principles and theory of community health nursing in a variety of health care settings. Included are the identification of health care needs of the community as a client, and the nurse's role as a facilitator, teacher, and evaluator in promoting and maintaining health and wellness. 60 contact hours.

NUR 4835 LEADERSHIP THEORY ..... 2 credits
Prerequisite: NUR 3805. Co- or Prerequisite: NUR 4835L. This course includes a focus on theories, concepts, and principles of leading and managing as well as pertinent legal issues faced by nursing leaders and managers. Emphasis will be on the methods to become an effective leader/manager including interpersonal skills needed for effective leadership and management, the different types of organizations delivering health care, outcomes management, and analysis of current research findings. 32 contact hours.

NUR 4835L LEADERSHIP PRACTICUM ..... 3 credits
Prerequisite: NUR 3805. Co- or Prerequisite: NUR 4835. This course focuses on the application of the theories, concepts, and principles of leading and managing. Emphasis in the course will be on the development of skills needed for effective leadership and management. Opportunities will be provided to demonstrate appropriate leadership and management ability. 47 contact hours.

PCB 3043C ECOLOGY WITH LAB ..... 4 credits
Prerequisites: EDF 3214, PCB 3063C and PCB 4723C. This course is designed to teach ecology at four major levels: organismic, population, community and ecosystem. One of the aims is to interrelate the different levels of ecological study and to unify these via evolutionary and behavioral ecology. A second aim is to correlate the concepts of ecology with those learned in physiology to understand physiological ecology. This course will address both theoretical and empirical ecology as well as applied ecology with special emphasis on Florida's ecosystems and human impacts on them. This course is a combined lecture and lab class. This course is designed for majors in the Secondary Science Education program. It addresses specific Sunshine State standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 92 contact hours.

PCB 3063C GENETICS WITH LAB ..... 4 credits
Prerequisites: BSC 2011 and BSC 2011L. This course is designed to teach three major areas of genetics: the organization and transmission of genetic material, the molecular biology of gene expression and regulation, and the modification and evolution of genes and genomes. The aim of this course is to also provide an understanding of the history and process of genetics as an experimental science and to provide the student with a foundation for understanding the current advances and rapid changes in genetic engineering and genomics. This course is a combined lecture and lab class. This course is designed for majors in the Secondary Science Education program. This course addresses specific Sunshine State Standards, subject matter competencies and pedagogy pertinent to the discipline and required for certification. 92 contact hours.

PCB 4674 ADAPTATION IN PLANTS AND ANIMALS ..... 3 credits
Prerequisite: PCB 3043C and PCB 4723C. This lecture course for Science Education majors is designed to teach both the mechanisms of adaptation and the resulting traits that arise. The course will emphasize the environmental (both biotic and abiotic) pressures that drive adaptation and will investigate the morphological, physiological, behavioral and demographic adaptations resulting from specific environmental pressures. This course will place special emphasis on adaptations found in plants and animals in Florida. It addresses specific Sunshine State standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 47 contact hours.

PCB 4723C COMPARATIVE ANIMAL PHYSIOLOGY WITH LAB ..... 3 credits
Prerequisite: BSC 2011, BSC 2011L, BCH 3023. This course is designed to teach animal physiology from a comparative perspective that focuses on the interplay between environmental conditions and physiological adaptation and highlights the many similarities and differences seen among different types of organisms. It also stresses the significance of homeostasis and addresses the interdependency between structure and function. This course emphasizes an interdisciplinary approach as concepts from physics and chemistry are meshed with biology and is a combined lecture and lab class. This course is designed primarily for students in the Secondary Science Education program. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 77 contact hours.

RED 3309 EARLY AND EMERGENT LITERACY K-12 ..... 3 credits
This course is designed to increase understanding of early literacy development and the conditions which promote total literacy from birth through lower elementary grades. Language theory and current research are used to shape informed practices regarding literacy development. Connections are made among all aspects of literacy learning: reading, writing, listening, speaking and attitude development. The course explores and develops many related activities to foster a balanced, positive, constructive attitude towards literacy in young children. It includes a minimum of 15 clock hours of observation/teaching reading in educational setting(s). This course is writing intensive. 47 contact hours.

RED 4335 READING IN THE CONTENT AREA ..... 3 credits
This course is designed to promote the effective teaching of literacy skills across the curriculum. The major emphasis of this course is placed on current theories, methods, and materials used in content area literacy instruction. Lecture, discussion, simulated teaching, and field work constitute different course activities. 47 contact hours.

RED 4511 INTERMEDIATE LITERACY 3-6: READING AND THINKING ..... 3 credits
Prerequisite: RED 3309. This course is a beginning reading course that combines the study of theory and practice in the teaching of developmental reading/literacy in the elementary intermediate grades. The major emphasis of the course is placed on current theories, methods, and materials used in reading/literacy instruction. Lecture, discussion, simulated teaching and fieldwork constitute different course activities. 47 contact hours.

RED 4519 DIAGNOSIS AND INTERVENTION IN READING ..... 3 credits
Prerequisites: RED 3309, RED 4511 and LAE 4416. This course is designed to focus on formal and informal methods (e.g., standardized norm-referenced, criterion-referenced, performance assessment) and materials used to identify reading strengths and needs of students. Students will complete case studies to demonstrate their ability to diagnose and correct reading difficulties. Topics include assessments that address all elements of reading (e.g., comprehension, word recognition, phonemic awareness, phonics, fluency, vocabulary and concept development, cognitive strategies). The major emphasis of this course is on diagnosis of reading problems, administration of assessments, evaluation of results, and planning instruction/interventions to correct or remediate. Lecture, discussion, simulated assessment practice, and actual case studies constitute different course activities. 20 school-based hours, 47 contact hours.

SCE 3030 SCIENCE MATTERS ..... 2 credits
This course is designed to promote observation in middle and high school science classrooms so that students gain an awareness of how they can engage students in learning and make science matter to students. This course is designed for majors in

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the Bachelor of Biological Science Education program. This course addresses specific Sunshine State Standards, subject matter competencies and pedagogy pertinent to the discipline and required for certification. 32 contact hours total with 15 school-based hours.

SCE 3945 INTERACTIVE PROJECTS THAT PROMOTE LEARNING IN SCIENCE ..... 3 credits

Prerequisite: EDF 3214, SCE 3030. Corequisite: BSC 3096C. This course is designed to build on the course SCE 3030 and integrate science coursework with practical experience for students preparing to teach middle school science or secondary school biology. In addition to classroom contact hours, students will report to schools for 40 school-based hours as supervised observers and instructional participants in middle school science. These field experiences will be incorporated into classroom discussions, investigations and reports, and various strategies for probing understanding. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 47 contact hours.

SCE 4330 INSTRUCTIONAL METHODS IN SECONDARY SCIENCE AND ASSESSMENT WITH TECHNOLOGY ..... 4 credits

Prerequisite: EDF 3214 and fourth year (senior) standing. Corequisite: SCE 4940. This course is designed to: 1) enlarge and expand the instructional theories, ideas, and strategies developed and discussed in the two previous courses, *Science Matters* and *Interactive Projects that Promote Learning in Science*; and 2) help the student gain knowledge and skills necessary to become an effective teacher and leader in the area of secondary school biology or middle school science. The activities in this course will: a) develop the theoretical basis for science instruction intended for middle school and secondary school students; b) illustrate and apply models for instruction in science courses involving laboratory and field activities and technology in the process of enhancing students' understanding of science; and c) provide practical experience in planning, implementing, assessing and evaluating science instruction. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for certification. 62 contact hours.

SCE 4940 INSTRUCTIONAL METHODS IN SECONDARY SCIENCE AND ASSESSMENT WITH TECHNOLOGY PRACTICUM ..... 1 credit

Prerequisite: EDF 3214 and fourth-year (senior) standing. Corequisite: SCE 4330. This course is designed to give practicum experience to students in public or private school classrooms as approved by the dean. Students will spend a minimum of 40 school-based hours of observation/teaching/assessment in science classrooms. These clinical experiences will be incorporated into *Instructional Methods in Secondary Science and Assessment with Technology.* 40 contact hours.

SSE 4940 INTERNSHIP: SECONDARY SCIENCE EDUCATION 6-12 ..... 12 credits

Prerequisites: Successful completion of all program requirements and passing all required sections of the Florida Teacher Certification Exam. This course requires a teacher candidate to demonstrate pre-professional competencies during one semester of full day internship in a public or private school approved by the dean. The internship also includes a series of mandatory professional leadership seminars. Contact hours: a minimum of 35 hours per week for 15 weeks.

TSL 3080 ESOL ISSUES: PRINCIPLES AND PRACTICES I K-12 ..... 3 credits

Prerequisite: EDF 3214. This course is an introduction to the issues, principles, and practices of teaching English to speakers of other languages. It provides the foundation of knowledge necessary to meet the instructional needs of linguistically and culturally diverse students. 47 contact hours plus 15 hours of field experiences.

TSL 4081 ESOL ISSUES: PRINCIPLES AND PRACTICES II K-12 ..... 3 credits

Prerequisites: TSL 3080. This course is designed to serve as the culminating experience in the teaching of English to speakers of other languages (ESOL) for the education major. Its main goal is to make the connection between theory and practice. Special attention will be given to the areas of second language acquisition theory and methods of teaching learners with limited English proficiency (LEP). 47 contact hours plus 15 hours of field experiences.

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Carl M. Kuttler, Jr., J.D.
Mark T. Mahaffey
R. Clark Mason
Alfred T. May
Robert D. Morehead
John G. Rowley, M.D.
Barbara Sealund
Robert F. Shuck
Richard B. Winning

DIRECTORS EMERITUS
Thelma P. Rothman
Henry B. Sayler

HONORARY DIRECTOR
Wendall R. Ware

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FACULTY, ADMINISTRATIVE AND PROFESSIONAL STAFF

The year listed after each name indicates the beginning of uninterrupted affiliation at St. Petersburg College. Academic degrees are listed below each name. Locations are indicated as follows:

CL-Clearwater Campus
SE- Seminole Campus
SPG - St. Petersburg/Gibbs Campus
HEC-Health Education Center, Pinellas Park
TS-Tarpon Springs Center
AC-Allstate Center, St. Petersburg
DO-District Office, Pinellas Park
(DO includes those with cross campus responsibilities)

- A -

ABERNETHY, Gary J. (2001)
Instructional Technologist (CL)
- M.A., University of South Florida
- B.A., State University of New York at Albany

ADAMICH, Julie Anne J. (1994)
Business Technologies (SE)
- Ph.D., University of South Florida
- M.B.A., Florida Institute of Technology
- B.A., University of South Florida

ADAMS, Julie C. (2003)
Natural Science (SPG)
- M.A., University of Washington
- M.S., University of Washington
- B.S., University of Florida

ADAMS, Ronald B. (2001)
Coordinator I, Project (AC)
- B.A., St. Leo University

ADDIS, Jacqueline A. (1997)
Program Director I (AC)
- M.S., Nova University
- B.S., Wayne State University

ADKINS, Martha R. (1980)
Program Director II, Business Technologies (CL)
- M.Ed., Boston University
- B.S., Virginia State College

ADKINS, Patricia K. (1998)
EPI Center Executive Officer (DO)
- Ed.D., Illinois State University
- M.S., Southern Illinois University at Carbondale
- B.S., Southern Illinois University at Carbondale
- A.S., Shawnee Community College

ANDERSON, Susan M. (1989)
Director, Library Services (HEC)
- Sc.D., Nova University
- M.L.S., Drexel University
- B.A., University of Colorado

ANGELES STANKOVICH, Mary (2003)
Baccalaureate Programs (TS)
- M.S., Nova Southeastern University
- M.A., Wayne State University
- B.S., University of Detroit/Mercy

ANGELOU, Elaine (2001)
Coordinator, Museum Education (TS)
- M.A., American University
- B.A., University of South Florida
- B.A., University of South Florida

ANTHONY, Elaine M. (1984)
Veterinary Technology (HEC)
- M.A., University of South Florida
- B.S., Nova University
- A.A. Brevard Community College
- A.S., St. Petersburg Junior College

AUDE, Donald (2002)
Analyst/Programmer (SE)
- B.S., University of South Florida
- A.A., Hillsborough Community College
- A.S., NE Wisconsin Technical College

- B -

BAKER, Emily V. (1991)
Ethics (SPG)
- J.D., Mississippi College School of Law
- M.S., University of Southern Mississippi

BAKHTYARI, Sohrab (1990)
Mathematics (CL)
- M.S., Northeastern University
- B.S., Northeastern University

BALLANTINE, Janice S. (1991)
Fine & Applied Arts (TS)
- M.A., Inter American University
- B.A., University of South Florida

BALLARD, Anthony W. (1992)
Letters/Speech (CL)
- M.A., Southern Carolina State College
- B.S., Elizabeth City State University

BARBIER, Patricia A. (1997)
M.M. Bennett Library (CL)
- M.A., Florida State University
- B.A., University of West Florida

BARZEN, William A. (1977)
Business Technologies (SPG)
- M.A., University of South Florida
- B.S., Pennsylvania State University

BASHAM, Matthew J. (1997)
Program Director II, Business Technologies (CL)
- M.A., University of Florida
- B.A., Oakland University

BATES, Daniel R. (2002)
Coordinator I, Project (AC)
- B.A., Marquette University
- A.A., Milwaukee Area Technical
- A.A.S, Milwaukee Area Technical College

BEAUFAIT, Marja P. (1982)
Physical Therapist Assistant (HEC)
- M.A., University of South Florida
- B.S., Ohio State University

BECK, Richard K. (2001)
Emergency Medical Services (HEC)
- B.A., Faulkner University

BEDELL, Duane H. (2002)
Assistant Director, NTPI (AC)
- M.S., Southwest Missouri State University
- B.A., Southwest Missouri State University

BELL, Dorothy J. (1992)
M.M. Bennett Library (SPG)
- M.S., Atlanta University
- A.B., Spelman College

BELLOMO, Mary O. (1993)
Curriculum Designer (AC)
- M.S., Florida State University

BENSON, Kristina (2001)
Business Technologies (SPG)
- M.A., Florida Gulf Coast University
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

BENWARE, Linda L. (2004)
Principal, Collegiate High School (SPG)
- M.A., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg College

BERRY, James W. (2002)
Coordinator II, Project (AC)
- B.A., College of William and Mary

BIEFIELD, Bruce D. (2003)
Coordinator II, Project (AC)
- A.A., St. Petersburg Junior College
- A.A.S., University of South Florida
- A.S., St. Petersburg Junior College

BILLIRIS, Mark N. (1987)
Director of Instructional Technology (SE)
- Ed.D., Nova University
- M.S., Nova University
- B.S., Florida State University
- A.A., St. Petersburg Junior College

BIRD, Barbara F. (1990)
Letters (CL)
- Ph.D., Florida State University
- M.A., Florida State University
- B.A., St. Joseph's College

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BLANCHARD, Susan (2002)
Special Education, Baccalaureate Program (TS)
- Ph.D., University of South Florida
- M.A., University of South Florida
- B.A., Stetson University

BLISS, Joan H. (1994)
Human Services (HEC)
- M.A., University of South Florida
- B.A., Bethune-Cookman College

BOBOWSKI, Sharon A. (2001)
Analyst/Programmer (SE)
- B.S., Wayne State University
- A.S., Macomb Community College

BOEHM, David H. (2003)
Coordinator, Construction (D0)
- A.S., Parkland College
- A.A.S., Lincoln College

BOSIER, Nyle E. (1993)
Director, Facilities Services (DO)
- M.P.A., Golden Gate University
- B.S., Florida Technological University

BOWMAN, Margaret (2002)
Director of Internships (TS)
- M.A., Florida State University
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

BOWMAN, Meredith A. (1999)
Criminal Justice (AC)
- M.A., University of South Florida
- B.A., University of South Florida
- A.S., St. Petersburg Junior College

BOYCE, Ronald G. (2003)
Software Support Specialist (DO)
- M.S., Carnegie Mellon University
- B.S., Carnegie Mellon University

BRAUN, Ben-Ami (1979)
Mathematics (SPG)
- Ph.D., Purdue University
- M.S., Purdue University
- M.F.A., University of South Florida
- B.S., Brooklyn College

BRAY, Jayne (1997)
Senior Accountant (DO)
- B.A., Eckerd College

BRELAND, II, Jabe A. (1994)
Natural Science (SPG)
- Ph.D., University of South Florida
- M.S., University of South Florida
- B.A., University of the South

BRICKNER, Melissa (2001)
Nursing (HEC)
- M.S.N, Marquette University
- B.S.N., University of Wisconsin

BRIGHTMAN, Ross I. (1993)
Natural Science (SPG)
- Ph.D., University of South Florida
- M.S., University of Tennessee
- B.A., Western Maryland College

BRILLINGER, Brian (2002)
Natural Science (TS)
- M.A., University of South Florida
- B.S., Pennsylvania State University

BROCK, Barth (2001)
Technology Project Manager (AC)
- M.S., Pratt Institute
- B.A., Oral Roberts University
- B.A., University of Central Florida
- AA., St. Petersburg College

BROCK, James C. (1989)
Associate Provost, (AC)
- M. Crim., University of Alabama
- B.S., Florida State University
- A.A., St. Petersburg Junior College

BRODNEY, Bruce F. (2003)
Baccalaureate Programs, (TS)
- Ph.D., University of Southern Mississippi
- M.Ed., University of South Florida
- B.A., Tulane University
- B.A., University of South Florida

BROOKS, Shelley (1998)
Development Foundation (DO)
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

BROWN, Amy B. (2003)
Baccalaureate Programs (TS)
- M.A., University of Florida
- B.A., University of Florida

BROWN, Lolita D. (1989)
Counselor (CL)
- M.Ed., Boston University
- B.A., Fisk University

BROWN, Ragan (1999)
Graphics Design Technology (CL)
- B.A., Florida State University

BROWN, Trenette Y (2003)
Grants Accountant, (DO)
- B.S., Athens State University

BRUMBAUGH, Doug (2003)
Videographer (AC)
- B.A., University of Central Florida
- A.S., Sante Fe College

BRUMFIELD, David A. (1997)
Crime Scene Technology (AC)
- M.P.A., Troy State University
- B.A., Saginaw Valley State University
- A.A., Kirtland Community College

BRYANT, Leneice A. (2001)
Coordinator I, Pathways (HEC**)**
- B.A., Fort Valley State College

BUCHANAN, Janice C. (1990)
Director, Development (DO)
- Ph.D., University of South Florida
- M.A., University of South Florida
- B.M., Rhodes College

BURNETT, Susan W. (1996)
Project Coordinator II (DO)
- M.A., University of South Florida
- B.A., University of South Florida

BURNISTON, Kay (2002)
Associate Vice President of Baccalaureate Program (TS)
- M.A., University of Central Florida
- B.A., Western Michigan University

BURT, Gail A. (1981)
Program Director II, Nursing (HEC)
- M.S., University of South Florida
- B.S.N., University of Virginia

BYRD, Carolyn A. (1978)
Business Technologies (CL)
- M.S., Nova University
- B.S., North Carolina A.&T. State University

BYRD, Gregory L. (1990)
Letters (CL)
- Ph.D., University of North Carolina, Greensboro
- M.A., Florida State University
- B.A., Eckerd College

BYRD, Terry G. (1991)
Program Director I, Criminal Justice (AC)
- M.A., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

BYRNE, Diane F. (1997)
Social and Behavioral Sciences (CL)
- Ed.D., Harvard Graduate School of Education
- M.Ed., Harvard Graduate School of Education
- B.A., University of Chicago

- C -

CABALLERO, Kelly (2001)
Curriculum Designer (AC**)**
- M.S., Harvard University
- B.A., Wellesley College

CALDIERON, Jean M. (2004)
Fine & Applied Arts (CL)
- Ph.D., Tohoku University
- M.A., School of Architecture of Grenoble
- B.Arch., Simon Bolivar University

CALL, Ian H. (2002)
Coordinator II, (AC)
- M.Ed., University of Florida
- B.A., University of Florida

CAMPBELL, Janice R. (1989)
Mathematics (SE)
- M.A.T., Converse College
- M.S., Ohio University
- B.A., Converse College

CAMPBELL, Martha E. (1987)
Program Director II, Communications (TS)
- Ed. D., University of South Florida
- M.A., Duke University
- B.A., Furman University

CARAWAY, Antoinette (1991)
M.M. Bennett Library (CL)
- M.L.S., State University of New York at Buffalo
- M.S., State University of New York at Buffalo
- B.S., State University of New York at Buffalo

CARBART, George E. (1999)
Coordinator, Special Programs (SPG)
- M.Ed., Florida A & M University
- B.S., Florida A & M University

CAREY, Amelia W. (2000)
Director, Institutional Advancement (DO)
- M.A., University of Kentucky
- B.A., University of Kentucky

CARLSON, Helen O. (1998)
Letters (CL)
- M.S., University of South Florida
- A.A., University of South Florida

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CARNAHAN, JoAnn S. (1976)
Nursing (R.N.) (HEC)
- M.N., University of Florida
- B.S.N., University of Florida

CARNEY, Conferlete (1996)
Vice President, Information Systems, Business Services, Planning, & Budget (DO)
- M.B.A., North Carolina Central University
- B.S., North Carolina A & T State University

CARREIRA, Leta W. (2003)
Scholarships & Student Financial Assistance Officer (SPG)
- B.A., Brigham Young University
- A.A., Utah Valley College

CARTER, Valerie L. (2003)
Dental Hygiene (HEC)
- M.S., University of Maryland, Baltimore
- B.S., University of Maryland, Baltimore

CASHON, James R. (1987)
Counseling and Student Development (SPG)
- Ph.D., University of Florida
- M.Ed., Ohio University
- B.A., Rutgers University

CATON, Marly C. (2004)
Letters, (TS)
- M.A., University of Michigan
- B.A., Northwestern University

CESTA, Jeffrey L. (1997)
Counseling and Student Development (CL)
- Ed.D., University of South Florida
- M.S., National Louis University
- B.S., University of Florida
- A.A., St. Petersburg Junior College

CHALU, Cynthia L. (2001)
Nursing (HEC)
- M.S., University of Florida
- B.S., University of Florida

CHAMPION, Susan (2001)
Curriculum Designer (AC)
- B.A., University of South Florida

CHANG, Jimmy H. (2000)
Mathematics (CL)
- M.A., University of South Florida
- B.S., Eckerd College

CHAPIN, Maria G. (1980)
Natural Science (CL)
- M.S., University of Hawaii
- B.S., Cornell University

CHAPMAN, Kenneth L. (1998)
Mathematics (CL)
- M.A., Bowling Green State University
- B.S., Bowling Green State University

CHAUVIN, Patricia J. (1993)
Fine and Applied Arts (SPG)
- M.M., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

CLARK, Bonnie L. (1987)
Letters/Speech (CL)
- Ph.D., University of South Florida
- M.A., Bowling Green State University
- B.S., The Defiance College
- A.A., The Defiance College

CLARK, Harriett A. (1984)
Program Director II, Services for Special Students (CL)
- M.A., University of South Florida
- B.S., University of Tennessee

CLAY, Martyn R. (2000)
College Registrar (TS)
- Ed.D., University of Missouri, Columbia
- M.A., Webster University
- B.A., Bucknell University

CLINTON, Tyrone (1993)
Mathematics (SPG)
- M.S., Clark Atlanta University
- B.A., California State University

COBB, Sandra H. (2003)
Coordinator, Distance Learning (AC)
- M.Ed., University of South Florida
- B.A., University of South Florida

COIL, Sharon H. (1992)
Women on the Way (CL)
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

COLLAR, Shirley (2001)
Health Information Management (HEC)
- M.Ed., National Louis University
- B.A., National Louis University
- A.S., St. Petersburg Junior College

COLLINS, Kathie J. (2002)
Coordinator I, Human Services (HEC)
- M.Ed., University of Sarasota
- B.A., Valdosta State University

CONNELL, Margaret (1998)
Coordinator II, Project, (DO)
- M.A., Lehigh University
- B.A., Trinity College

CONNELLY, Arthur P. (2000)
Business Technologies (SPG)
- M.B.A., University of South Florida
- B.A., University of South Florida

COOK, Lisa M. (1997)
Coordinator, Facilities Planning (DO)
- B.A., Florida A&M University

COOPER, Anne M. (1990)
Social and Behavioral Science (TS)
- Ph.D., University of Wales
- M.A., University of Texas
- B.A., University of Hawaii
- A.A., Chaminade College of Honolulu

COPENHAVER, Carol C. (1997)
Senior Vice President, Educational & Student Services (DO)
- Ph.D., University of Florida
- M.B.A., University of Florida
- B.A., College of William & Mary

COREY, Jean B. (1998)
Student Development (SPC Downtown)
- M.S., Nova University
- B.A., Marietta College

CORNETT, Susan L. (1991)
Communications (TS)
- M.A., University of South Florida
- B.A., University of Florida

CORNWELL, J. Michael (2003)
Veterinary Technology (HEC)
- D.V.M., Ohio State University

COUGHLIN, Emily (2003)
M.M. Bennett Library (HEC)
- M.A., University of South Florida
- B.S., University of Alabama

COYLE, Colleen (1991)
Counselor (SE)
- M.Ed., Salisbury State University
- B.A., Colorado State University

CRADDOCK, Daniel C. (1977)
Respiratory Care (HEC)
- M.Ed., University of South Florida
- B.A., University of South Florida
- A.S., Broward Community College

CREAMER, David (1995)
Director, Network Systems and TV Operations (SE)
- B.A., University of South Florida

CRISP, John (2002)
Business Technologies (CL)
- M.B.A., University of Pennsylvania
- B.S., University of Virginia

CROTTY, Paul M. (2001)
Coordinator II (AC)

CROWTHER, Charles J. (2002)
Coordinator II (AC)
- M.A., St. Joseph University
- B.A., Holy Family College

CRUMBLEY, Sr., Earnest P. (1998)
Athletics (SPG)
- M.A., University of South Florida
- B.S., Utah State University
- A.A., Arizona Western College

CRUMBS, Catherine A. (1990)
Nursing (R.N.) (HEC)
- M.S., University of South Florida
- B.S., University of South Florida
- A.A., St. Petersburg Junior College
- A.S., St. Petersburg Junior College

- D -

DALE, Sean A. (1994)
System Analyst (SE)
- B.S., University of South Florida
- A.A., St. Petersburg Junior College

DAUM, Michael (2004)
Letters, (SPG)
- M.A., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg College

DAVIS, Jeffrey P. (1989)
Associate Provost (CL)
- M.A., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

DAVIS, Kevin L. (1992)
Program Director II, Funeral Services (HEC)
- M.Ed., Central State University
- B.S., Central State University

DAY, Larry L. (2002)
Scholarships and Student Financial Assistant Officer
- M.A., Webster University
- B.A., Tougaloo College

DELGATO, Margaret (2002)
Curriculum Specialist (SPG)
- M.A., Clemson University
- B.A., Clemson University

DEMERS, Susan S. (1982)
Program Director II, Legal Assisting (CL)
- J.D., University of Florida
- B.A., Stetson University

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DePASS, Anthony H. (2000)
Mathematics (CL)
- M.A., University of South Florida
- B.A., Bethune-Cookman College

DERZYPOLSKI, Thomas (1998)
Applied Ethics (CL)
- M.S., Florida State University
- B.S., Florida State University
- A.A., Tallahassee Community College

DESHPANDE, Avinash (2002)
System Analyst (SEM)
- B.S., University of Nagpur

DIXON, V. J. (1989)
Staff Accountant (DO)
- B.S., University of Kentucky

DONOVICK, Jeffery (2002)
Fine & Applied Arts (SPG)
- M.A., University South Florida
- B.A., University of South Florida

DOOLITTLE, Nancy (1999)
Instructional Technologist (SE)
- M.S., Nova Southeastern University
- B.S., University of South Florida
- A.A., St. Petersburg Junior College

DRAKE, Molly A. (2003)
Coordinator, Baccalaureate Programs (TS)
- M.A., University of South Florida
- B.A., University of South Florida

DRESSBACK, John (1998)
Coordinator II, Project (AC)
- B.S., Greenville College

DREW, Donald D. (2001)
Mathematics (SPG)
- M.S., Southern University
- B.S., Southern University

DULIN, Hugh T. (2001)
Business Technologies (SPG)
- B.S., University of South Florida
- A.S., University of South Florida

DUNCAN, Douglas S. (1998)
Director, Human Resources (DO)
- M.A., Central Michigan University
- B.A., University of South Florida

DUVAL, CYNTHIA (2003)
Coordinator, Museum Studies & Services (TS)
- M.A., Chelsea College of Art/Design

DVORACSEK, Joseph D. (1993)
Counselor (CL)
- M.A., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

DYER, Jerry W. (2001
Director, Institutional & Program Planning (DO)
- M.A., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

- E -

EATON, Laurie (2002)
M.M. Bennett Library (CL)
- M.L.S., Florida State University
- M.A., Florida State University
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

EDMONDS, Maria N. (1976)
Associate Provost (TS)
- M.S., Florida State University
- B.A., University of Puerto Rico

ELLIOTT, LeAnn J. (1979)
Coordinator (AC)
- M.A., University of South Florida
- B.S., Northeastern University

ELSER, Sammie H. (1994)
Interpreter Training (CL)
- M.A., Gallaudet University
- B.S., East Tennessee State University

EMERSON, Karen J. (1985)
Mathematics (SPG)
- M.S., Florida State University
- B.S., Florida State University
- A.A., St. Petersburg Junior College

ERICKSON, David H. (1984)
Program Director II, Physical Therapist Assistant (HEC)
- M.S., Northern Illinois University
- B.S., Northern Illinois University

ESCOBALES, Maria (2002)
Coordinator II, Project (HEC)
- M.S. University of South Florida
- B.S., University of Puerto Rico

ESTES, Karen A. (1983)
Mathematics (TS)
- Ph.D., University of South Florida
- M.A., Eastern Illinois University
- B.S., Eastern Illinois University

EVANS, John L. (2002)
Architect (DO)
- B.Arch., Ball State University
- B.S., Ball State University

- F -

FAZZINI, Daniel C. (2002)
Curriculum Designer (AC)
- B.A., University of Pennsylvania

FELL, Susan P. (2001)
Coordinator II, Project (SPG)
- B.A., Florida State University

FELOS, Kimberly (1987)
Fine and Applied Arts (TS)
- M.A., Boston University
- B.A., Boston University

FELTON, Jr., Willie B. (1981)
Vice President, Educational and Student Services (DO)
- M.A., University of South Florida
- B.A., University of South Florida

FENLEY, Joseph B. (1986)
Social and Behavioral Science (CL)
- Ph.D., Emory University
- M.A., Central Missouri State University
- M. Div., Midwestern Baptist Theological Seminary
- M.A., Central Missouri State University
- B.A., Southwest Missouri State University

FIELDS, Rhodell J. (1981)
Social and Behavioral Science (CL)
- M.A., Kansas State University
- B.S., Kansas State University

FILSON, Eric M. (1981)
Senior Analyst/Programmer (SE)
- B.A., Michigan State University
- B.S., Florida State University

FINKLEA, Evelyn M. (1990)
Program Director II, Communications (SPG)
- M.A., Pepperdine University
- B.A., James Madison University

FISHER, Carol (2000)
Coordinator, On-line Educational Services (SE)
- B.B.A. Loyola University

FLEMING, John M. (1990)
Radiography (HEC)
- M.Ed., University of South Florida
- B.S., University of South Florida
- A.A., St. Petersburg Junior College
- A.S., St. Petersburg Junior College

FORD, Deborah D. (2003)
Fine & Applied Arts (TS)
- M.A., New York University
- B.A., Clark Atlanta University

FORSTER, Kurt (2002)
Business Development Coordinator (DO)
- M.A., University of South Florida
- B.A., Ohio State University

FRANCEY, Diane E. (1987)
Assistant Director, Purchasing (DO)
- B.S., Ball State University

FRASER, Judith A. (1977)
Mathematics (SPG)
- M.Ed., University of Florida
- B.S., University of Florida

FRIEDLANDER, Philip (2002)
Technology & Management, Baccalaureate Programs (CL)
- D.B.A., Nova South East University
- M.A., Florida International University
- B.B.A., Florida International University
- A.A., Miami-Dade Community College

FRYE, Larry H. (1970)
Social and Behavioral Science (SPG)
- M.A., Indiana University
- A.B., Indiana University

FURLONG, Jr., Thomas E. (2001)
Senior Vice President, Baccalaureate & College University Partnerships (DO)
- Ph.D., Florida State University
- M.S., Florida State University
- B.A., LaSalle College

FURNAS, Theresa K. (1994)
Associate Vice President, Finance & Business Services (DO)
- B.S., University of South Florida
- A.A., St. Petersburg Junior College

- G -

GALLAGHER, RUTH A. (2003)
Nursing (HEC)
- M.S., University of South Florida
- B.A., Chestnut Hill College
- A.A., Gwynedd-Mercy College

GARTNER, Jr., John V. (1993)
Natural Science (SPG)
- Ph.D., University of South Florida
- M.A., College of William and Mary
- B.S., Southhampton College
- A.A.S., Rockland Community College

GASTON, Betty J. (2002)
M. M. Bennett Library (TS)
- M.A., University of South Florida
- B.A., Eckerd College

GATZ, Diana M. (1998)
Letters (SPG)
- M.A., California State University
- B.S., Bowling Green State University

GEIGER, Theresa A. (1988)
Mathematics (CL)
- Ed.D., University of South Florida
- M.A., University of Alabama
- B.A., University of Alabama

GEORGE, Anita L. (2003)
Manager, Computer Operations (ICOT)
- B.S., Florida State University

GERAKIOS, Ekaterini (2004)
Coordinator I, Project (AC)
- M.B.A., University of South Florida
- M.S., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg College

GERENA, Linda (2003)
Elementary Education, Baccalaureate Program (TS)
- Ph.D., SDSU Claremont University
- M.A., New York University
- M.A., California State University
- B.A., Brooklyn College

GERENT, Michele C. (2003)
Baccalaureate Programs (TS)
- Ph. D., University of Florida
- M.S., Florida Atlantic University
- B.A., University of Florida

GETMAN, Paul L. (2001)
Coordinator II, Project (AC**)**
- B.S., Rochester Institute of Administration

GIAR, Linda R. (1993)
Counselor (CL)
- M.A., Norwich University
- B.A., Ball State University

GILKEY, Thomas (2002)
Computer Science, Baccalaureate Program (CL)
- Ph.D., University of Connecticut
- M.S., University of Connecticut
- B.A., University of Texas, Austin

GILLELAND, Jeanne R. (1986)
English As A Second Language (SPG)
- Ph.D., University of Virginia
- M.A., University of Virginia
- B.A., University of Maine

GILLMAN, Anna (1997)
Environmental Specialist (D0)
- B.A., Marshall University

GILMORE, Barton L. (1999)
Fine and Applied Arts (CL)
- M.F.A., University of South Florida
- B.A., University of South Florida

GINGERICH, Linda G. (1997)
Biological Science (TS)
- Ph.D., University of Texas
- B.S., University of Florida
- A.A., St. Petersburg Junior College

GLUBIAK, Marcia (1984)
Curriculum Designer (ICOT)
- M.A., University of South Florida
- B.S., Fairleigh Dickson University

GOODBREAD, Elizabeth B. (1994)
Program Director II, Math & Science (TS)
- M.A., University of South Florida
- B.S., University of Florida

GORDON, Michael R. (2001)
Business Technologies (CL)
- M.Ed., Queens College
- B.A., Queens College

GOREE, William K. (1988)
Ethics (SPG)
- M.M.F.T., Abilene Christian University
- B.A., Harding University

GORHAM, Tricia (2002)
Veterinary Technology (HEC)
- A.S., St. Petersburg Junior College

GORSKI, Edmund D. (2002)
Analyst/Programmer (DO)
- B.A., Allegheny College

GOSWAMI, Shashikant (1999)
Veterinary Technology (HEC)
- Ph.D., Haryana Agricultural University
- M.S., Haryana Agricultural University
- B.S., Haryana Agricultural University

GOYAL, Shri (2002)
Dean, Baccalaureate Program (CL)
- Ph.D., North Carolina State University
- M.S., Allahabad University
- B.S., Lucknow Christian College

GRASS, Kevin L. (1997)
Fine and Applied Arts (CL)
- M.F.A., University of Georgia
- B.F.A., Washington University

GRAY, Cheryl L. (1996)
Analyst/Programmer (SE)
- B.S., Pensacola Christian College
- A.S., St. Petersburg College
- A.A., Pensacola Junior College

GRAY, Kathy W. (1976)
Coordinator, Admissions & Registration (CL)
- B.S., University of South Florida
- A.S., St. Petersburg Junior College

GREEN, Sonja T. (1990)
Coordinator, Business Office (SPG)
- B.A., University of South Florida

GREENAWALD, Karen E. (2000)
Nursing (HEC)
- M.S., University of South Florida
- M.P.H., University of South Florida
- B.S., University of South Florida

GREENE, Marjorie I. (2003)
Fine & Applied Arts (CL)
- M.Ed., Temple University
- B.F. A., Philadelphia College of Art

GREENFIELD, Vicki K. (1999)
Nursing (HEC)
- M.S., Texas Woman's University
- B.S., University of Texas School of Nursing

GREENLEE, George M. (1991)
Social and Behavioral Science (CL)
- M.B.A., Atlanta University
- B.A., Morehouse College

GREENWALD, Ronald B. (1999)
Business Technologies (SE)
- M.S.E.E., Columbia University
- B.E.E., Pratt Institute

GRIFFIN, Kathleen G. (1995)
Counselor (CL)
- Ed.D., University of Sarasota
- M.S., Florida State University
- B.A., University of Florida
- A.A., St. Petersburg Junior College

GRIGGS, Sharon K. (1995)
Program Director II, Mathematics (SPG)
- M.A., Ball State University
- B.A., Loretto Heights College

GRUNDSET, Beverly L. (1991)
Natural Science (SPG)
- D.P.M., Illinois College of Podiatric Medicine
- B.A., Southern Missionary College

GRZESIKOWSKI, Tamara J. (1981)
Program Director II, Dental Hygiene (HEC)
- M.Ed., University of South Florida
- B.S., University of North Carolina (Chapel Hill)
- A.A., Fairleigh Dickinson University

- H -

HABER, Jennifer R. (2001)
Letters (TS)
- M.A., University of Central Florida
- B.A., University of Florida

HAFNER, Lars (1986)
Associate Vice President Educational & Student Services (SE)
- M.A., University of Maryland
- B.A., State University of New York at Buffalo
- A.A., St. Petersburg Junior College

HALL, Carmen A. (1991)
Letters (CL)
- M.Ed., Florida A. & M. University
- B.A., Florida A. & M. University

HALL, Jr., Charles (2001)
Coordinator, Distance Learning (AC)
- B.F.A., Ohio University

HALL, Janice M. (1971)
M.M. Bennett Library (CL)
- M.S., Florida State University
- B.A., University of Florida

HAMILTON, Ronald Shane (2003)
Business Technologies (SPG)
- M.S., Capella University
- B.S., Capella University

HANCOCK, C. Guy (1983)
Program Director II, Veterinary Technology (HEC)
- D.V.M., Ohio State University
- M.Ed., University of South Florida

HANLON, Mary A. (1991)
Physical Therapist Assistant Program (HEC)
- A.A., St. Petersburg Junior College
- A.S., St. Petersburg Junior College

HARDIES, Mark L. (1998)
Mathematics (TS)
- M.S., University of Arkansas
- B.A., St. Cloud State University

HARGRAY, Joseph R. (1989)
Mathematics (SPG)
- M.Ed., University of Florida
- B.S., Florida A. & M. University

HARRIS, Paul E. (1999)
Director, IT Security Program (DO)
- A.A., St. Petersburg Junior College

HARTMAN, David E. (1989)
Program Director II, Communications (CL)
- M.A., University of South Florida
- B.A., Eckerd College

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HEFNER, Eva M. (1977)
Business Technologies (SPG)
- M.Ed., University of South Florida
- B.A., Wayne State University

HEMME, William A. (2001)
Mathematics (CL)
- M.S., University of Florida
- B.S., University of Florida
- A.A., St. Johns River Community College

HENNIGER, David T. (1991)
College Attorney (DO)
- J.D., Stetson University
- B.S., Florida Southern College
- A.A., St. Petersburg Junior College

HENRY, Michael A. (2003)
Letters, CL
- M.S., Florida State University
- B.S., Florida Southern College

HENSLER, Sonja (1993)
Mathematics (SPG)
- M.Ed., University of South Florida
- B.A., Hofstra University

HERRING, David L. (1999)
Videographer (SE)
- B.S., East Tennessee State University
- A.A., Lees-McRae College

HESTING, Karen (2002)
Instructional Technologist (SE)
- M.A., University of Central Florida
- B.A., University of South Florida

HETUE, Michael (1993)
Supervisor, Computer Operations (SE)
- A.S., Oshkosh Technical Institute

HICKS, David W. (1988)
Letters (CL)
- Ed.S., Eastern Michigan
- M.A., Eastern Michigan
- B.A., University of Michigan
- A.A., C.S. Mott Community College

HICKS, Eileen C. (2000)
Nursing (HEC)
- M.S., New York Medical College
- B.A., Dunbarton College of Holy Cross

HILL, James C. (1975)
Business Technologies (CL)
- Ed.D., Nova University
- M.B.A., Florida State University
- B.S.E.E., University of Missouri

HILL, Marian L. (1991)
Natural Science (SPG)
- M.S., Medical College of Virginia
- B.S., Ohio University

HILL, Zoe Joanna (2003)
Baccalaureate Programs (TS
- M.S., University of Tampa
- B.A., Dartmouth College
- A.S., St. Petersburg Junior College

HILLIKER, Melisandre L. (1998)
M.M. Bennett Library (SPG)
- M.A., University of South Florida
- B.A., Eckerd College

HINDENLANG, Beverly J. (2003)
Nursing (HEC)
- M.S., Wayne State University
- B.S., University of Detroit/Mercy

HODGES, Noreen H. (1974)
Director, Corporate Training (ICOT)
- M.S., National Louis University
- B.A., Eckerd College
- A.A., St. Petersburg Junior College
- A.S., St. Petersburg Junior College

HOGANS, Linda L. (1999)
Director, Special Programs (SPG)
- M.Ed., National Louis University
- B.A., University of South Florida

HOLTE, Betty (1990)
Nursing, HEC
- M.S., University of South Florida
- B.S., University of South Florida
- A.S., St. Petersburg Junior College

HONIG, Leslie (2002)
Nursing (HEC)
- M.S., Pace University/New York Medical College
- B.A., State University of NY Binghamton

HOOKS, William J. (1986)
Letters (SPG)
- M.A., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

HOOPES, Holly (2002)
Business Technology (CL)
- M.S., Capella University
- B.A., Eckerd College

HOOVER, Mary C. (1998)
Grants Accountant (DO)
- B.A., St. Joseph's College

HOPKINS, Dorothy E. (2000)
Analyst/Programmer (SE)
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

HOPKINS, Joanne V. (1998)
Ethics (CL)
- J.D., Stetson University College of Law
- B.A., University of South Florida
- A.A., Hudson Valley Community College

HORN, Gabriel (1992)
Letters (SPG)
- M.A., Vermont College of Norwich University
- B.A., University of South Florida

HORTON, John W. (1987)
Mathematics (CL)
- M.Ed., Mississippi State University
- M.S., Mississippi State University
- A.A., Meridian Junior College

HOWARD, Michael J. (1999)
Manager, Computer Operations (ICOT)
- M.Ed., National Louis University
- B.S., University of Maryland

HUDSON, Robert F. (1986)
Building Arts (CL)
- B.Arch., University of Miami

HUGHES, John T. (2000)
Mathematics (CL)
- Ph.D., Pensacola Christian College
- M.A., West Chester State College
- B.A., The King's College

HUNT, Horace D. (1978)
Director, Purchasing (DO)
- B.I.S., University of South Florida
- A.A., St. Petersburg Junior College

HUNTER, Mark S. (1988)
Fine and Applied Arts (CL)
- M.M., Indiana University
- B.M., University of Kentucky

– I –

INGLES, Mark F. (2003)
Systems Analyst (SE)
- B.A., University of South Florida
- A.S., St. Petersburg Junior College

- J -

JAMES, Nellie (1979)
Scholarships & Student Financial Assistance Officer (TS)
- B.A., National-Louis University
- A.S., St. Petersburg Junior College

JANES, William H. (2002)
Director, NTPI (AC)
- M.M.A.S., Commanding General Staff College
- M.A., McNeese State University
- B.A., Ohio State University

JEAN-BAPTISTE, Claudius K.. (2001)
Coord. Info Tech Readiness (DO)
- A.A., St. Petersburg College

JENKINS, Bradley E. (1975)
Engineering Technology (SPG)
- M.Ed., University of South Florida
- B.E.T., University of South Florida
- A.S., St. Petersburg Junior College

JENSEN, Robin J. (1987)
Letters/Speech (CL)
- M.A., University of Maryland
- B.S., Towson State University

JOHNSON, Edward B. (1998)
Letters (TS)
- M.A., Western Kentucky University
- B.A., Western Kentucky University

JOHNSON, Jerry D. (2003)
Videographer (SE)
- B.A., Oklahoma State University

JOHNSON, Larry L. (1992)
Coordinator, Construction (DO)
- B.A., National Louis University

JOHNSON, Linda K. (1997)
Dental Hygiene (HEC)
- M.S., Old Dominion University
- B.S., Old Dominion University

JOHNSON, Steven A. (1997)
Coordinator, Grants (DO)
- M.P.A., University of Akron
- B.A., Kent State University

JOHNSTON, Linda B. (1998)
Letters/Speech (SPG)
- M.A., Emerson College
- B.A., Pennsylvania State University

JOLLIFF-JOHNSON, Cynthia E. (1989)
Counselor (SPG)
- Ed.D., Nova University
- M.A., University of South Florida
- B.A., University of South Florida

JONES, Patricia C. (2003)
Associate Director, Human Resources (DO)
- B.S., University of South Florida
- A.A., St. Petersburg Junior College

JORGENSON, Jay (1999)
Counselor (TS)
- M.A., Assumption College
- B.A., University of Maryland
- A.A., Illinois State Community College

JOSEPH, Craig L. (1996)
Natural Science (SPG)
- Ph.D., Ohio State University
- M.S., Ohio State University
- B.S., Ohio State University

JUNE, Leslie (2002)
Business Technologies (SE)
- M.S., Michigan State University
- B.A., Michigan State University

- K -

KAAS, Kevin T. (2000)
Assistant TV Engineer (SE)
- A.E.T., Northwestern Electronics Institute

KECK, Cheryl L. (2003)
Coordinator (AC)
- B.A., San Diego State University
- A.A.S., San Diego Community College

KEEFE, Delynda D. (2000)
Business Technologies (SE)
- M.A., Lesley College
- B.S., Bridgewater State College

KEITH, Neil M. (1998)
Counselor, (SPG)
- M.Ed., University of Florida
- B.S., University of Florida

KELLER, Rosemary (2002)
Nursing (HEC)
- Ph.D., University of South Florida
- M.S., Adelphi University
- B.S., Seton Hall University

KELLER, William M. (1966)
Natural Science (CL)
- Ed.D., Nova University
- M.S., University of Florida
- B.S., University of Florida

KELLEY, Nancy K. (1996)
Coordinator, Campus Admissions & Registration (SPG)
- J.D., Stetson College of Law
- B.A., Florida State University
- A.A., St. Petersburg Junior College

KELLY, Donna R. (1992)
M.M. Bennett Library (HC)
- M.L.S., University of South Florida
- B.S., University of Wisconsin-Whitewater

KENNEDY, Wallace W. (1973)
Business Technologies (CL)
- M.Acc., Florida State University
- B.S., Florida State University

KERNS, Sandra A. (1988)
Letters (CL)
- M.A., University of South Florida
- B.S., University of South Florida

KERWIN, Denise D. (1992)
Program Director I (AC)
- A.S., Indian River Community College

KING, Cathy (2002)
Nursing (HEC)
- M.S.N., University of Texas Medical Branch
- B.S.N., University of Texas Medical Branch

KIRCHGRABER, Todd A. (2003)
Coordinator II, Project (AC)
- B.A., Saint Leo University
- A.A.S., Thompkins Cortland Community College

KIRCHMAN, Kimberly G. (1991)
Fine and Applied Arts (CL)
- M.F.A., University of South Florida
- B.A., University of South Florida

KISTNER, Carolyn A. (1992)
Mathematics (TS)
- M.Ed., University of South Florida
- B.S., State University of New York

KLEIN, William E. (1999)
Social and Behavioral Sciences (SPG)
- M.A., University of South Florida
- B.S., U.S. Military Academy, West Point, New York

KNOOP, Margaret (1989)
Letters (CL)
- M.A., University of South Florida
- B.A., University of South Florida

KOLENDA, James J. (2003)
Producer (AC)
- B.A., Southeastern College

KRALL, Thomas A. (1976)
Veterinary Technology (HEC)
- D.V.M., Ohio State University

KRAMER, Rebecca J.(1999)
Physical Therapist Assistant (HEC)
- M.P.T., Nova Southeastern University
- B.S., Barry University
- B.A., Miami University
- A.S., St. Petersburg Junior College

KRUPP, Jason (1999)
Counselor, Baccalaureate Program (CL)
- M.S., University of Florida
- B.S., University of Florida

KUMARI, Sunita (2003)
Information Commons (SE)
- M.S.C., Nanyang Technological University
- B.S.C., National University of Singapore
- B.A., National University of Singapore

KUPERSMITH, Judith P. (1983)
Letters (SPG)
- M.S., University of Wisconsin
- B.S., Houghton College

KURITZ, Patrick M. (2003)
Nursing (HEC)
- M.S., University of South Florida
- M.P.H., University of South Florida

KURNIK, John P. (1989)
Business Technologies (CL)
- M.M., University of Miami
- B.A., Westfield State College

KUTTLER, Jr., Carl M. (1966)
President (DO)
- J.D., Stetson University College of Law
- B.S., Florida State University
- A.A., St. Petersburg Junior College

- L -

LA POINTE, Linda S. (1989)
Letters (SPG)
- M.A., University of South Florida
- B.A., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

LAHAIE, Eileen M. (1994)
Program Director I (AC)
- B.S., Tampa College

LAMPORT, Karen C. (1990)
Social and Behavioral Science (CL)
- Ph.D., Oklahoma State University
- M.S., Oklahoma State University
- B.A., University of South Florida

LAMPORT, Lance C. (1981)
Physical Education (SPG)
- Ph.D., University of New Mexico
- M.S., University of Tennessee
- B.S., Florida State University

LANCRAFT, Thomas M. (1990)
Natural Science (SPG)
- M.A., University of California
- B.A., University of California

LANUQUEITTE, Veronique (2000)
Mathematics (CL)
- M.S., University of Florida
- B.S., University of Florida

LATCHFORD, James A. (2003)
Coordinator, Constructions (DO)

LAUMAN, Deborah C. (2003)
Nursing (HEC)
- Ph.D., University of South Florida
- M.S., University of Alabama in Birmingham
- B.S., Wallace School of Nursing

LAWLESS, Daniel A. (1998)
Letters (SPG)
- M.A., University of Louisville
- B.A., Bellarmine College

LECHNER, Jennifer L. (1990)
Coordinator, Project Eagle & Assistant to the Provost (SE)
- Ed.D., Nova University
- M.A., University of South Florida
- B.S., University of Florida

LEONARD, George K. (1976)
Business Technologies (SPG)
- M.B.A., University of North Florida
- B.A., University of West Florida

LEONARD, Michele R. (2001)
Counselor (SE)
- M.Ed., University of South Florida
- B.A., University of South Florida
- A.A., University of New Hampshire

LEOPOLD, Joseph S. (1991)
Communications (TS)
- M.A., Florida State University
- B.A., Florida State University

LEVESQUE, Carla M. (2000)
Michael M. Bennett Library (SPG)
- M.L.S., University of South Florida
- B.A., Florida Atlantic University

LEVIN, Roxana S. (1997)
Foreign Languages (TS)
- M.A., University of South Florida
- B.A., Instituto del Profesorado Técnico

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LEWIS, Gregory A. (1998)
Engineering Technology (SPG)
- B.S., University of South Florida
- A.A., St. Petersburg Junior College

LEWIS, Randolph B. (2001)
Project Coordinator II, Criminal Justice Institute (AC)
- M.A., University of South Florida
- B.S., Bethune-Cookman College

LICHTENFELS, David D. (1973)
M.M. Bennett Library (HEC)
- M.A., University of South Florida
- B.A., University of South Florida

LIEBERT, David T. (1998)
Social and Behavioral Sciences (TS)
- Ed.D., University of Sarasota
- M.A., University of South Florida
- B.S., Florida Southern College

LINDE, Robin P. (1998)
Project Technologist (AC)
- M.A., University of South Florida
- B.A., University of South Florida

LINDER, Larry A. (2002)
Emergency Medical Services (HEC)
- B.A., National-Louis University

LINEK, Jeffery R. (1989)
Mathematics (SPG)
- Ed.D., Nova Southeastern University
- M.A., University of South Florida
- B.S., Vanderbilt University

LO, Chi Chang (2003)
Mathematics (TS)
- Ph. D., University of South Florida
- M.S., Wayne State University
- B.S., Tamkang University

LOVAN, Larry G. (2000)
Emergency Medical Services (HEC)
- B.A., National Louis University
- A.S., St. Petersburg Junior College
- A.A., St. Petersburg Junior College

LULEK, Mark R. (1990)
Communications (TS)
- M.A., Michigan State University
- B.S., Wayne State University

- M –

MACK, Penethia T. (1991)
Counselor (TS)
- Ed.D., University of Sarasota
- M.A., University of South Florida
- B.A., Eckerd College
- A.A., St. Petersburg Junior College

MADDEN, Lori (1997)
Foreign Languages (SPG)
- Ph.D., University of Florida
- M.A., University of Delaware
- B.A., Hood College

MANIAS, Nicholas (2002)
Ethics (SPG)
- M.A., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

MANSON, David R. (1995)
Fine and Applied Arts (SPG)
- D.M.A., University of Cincinnati
- M.M., University of Cincinnati
- B.A., University of South Florida

MARDEN, Mary Jane (1972)
M.M. Bennett Library (CL)
- M.S., Florida State University
- B.A., Florida State University
- A.A., Orlando Junior College

MARKS, Alice (1988)
Assistant Director, Scholarships & Student Financial Assistance (SPG)
- B.S., University of South Florida
- A.A., St. Petersburg Junior College

MARSH, Russell J. (1999)
Instructional Technologist (SE)
- M.S., Nova Southeastern University
- B.S., University of South Florida

MARTIN, Bobbi (2003)
Nursing (HEC)
- M.S., Clarkson College

MATCHETTE, Patricia (1999)
Fine & Applied Arts (SE)
- M.A., University of South Florida
- B.A., University of South Florida

MAXUDOV, Lisa (2002)
Coordinator II, Project (AC)
- M.S., California Coast University
- B.A., University of Georgia

MCCLINTOCK, Bruce H. (2000)
Mathematics (SE)
- M.A., University of South Florida
- B.A., University of Florida
- A.A., St. Petersburg Junior College

MCCONNELL, Marcia R. (1995)
Assistant Director, Scholarships & Student Financial Assistance (CL)
- M.Ed., Mississippi State University
- B.S., Berry College

MCCUSKER, Marie Anne (2003)
Nursing (HEC)
- M.S.N., University of Tampa

MCDONNELL, Brenda L. (1999)
Coordinator, Admissions & Registration (TS)
- M.Ed., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg College

MCDONNELL, Gregory J. (2001)
Business Technologies (SPG)
- B.S., University of Alabama

MCEVERS, Richard A. (1998)
Computer Technology (TS)
- M.B.A., Golden Gate University
- B.S., Troy State University

MCKANNA, Thomas F. (1995)
Grants Accountant (AC)
- M.R.E., St. Petersburg Theological Seminary
- M.B.A., Florida Institute of Technology
- B.S., University of Missouri, St. Louis
- A.A., Florissant Valley Community College

MEADE, Martha D. (1998)
Budget Specialist (DO)
- B.A., East Tennessee State University

MEEGAN, Patrick (2002)
Videographer (AC)
- B.A., University of Florida

MEIER, J. Stephen (1976)
Social and Behavioral Sciences (SPG)
- M.S., Florida State University
- B.A., Eckerd College

MEIGS, Michael C. (1997)
Director, Business Systems & Student Accounting (DO)
- B.A., University of South Florida

MELCHIOR, Roger C. (2003)
Program Director II, Fire Science (AC)
- M.P.A., University of Baltimore
- B.S., University of Baltimore

MERCER, Joel (2001)
Mathematics (CL)
- M.A.T., University of Florida
- M.A., University of North Florida
- B.S., University of Florida

MERREFIELD, Sharon I. (1999)
Nursing (HEC)
- M.S.N., Medical College of Georgia
- B.S.N., Armstrong Atlantic University
- A.S., Lansing Community College
- A.A., St. Petersburg Junior College

MEYER, Robert A. (1997)
Hospitality Management (SE)
- Ph.D., Michigan State University
- M.A., Michigan State University
- B.A., Valparaiso University

MICHAEL, Marilyn (1994)
Fine and Applied Arts (SPG)
- Ed.D., Argosy University
- M.M., University of Kansas
- B.M., University of Kansas

MIEHL, Paul (1999)
Graphics Design (CL)
- B.A., State University of New York
- A.A., Jamestown Community College

MIGNEREY, James (2001)
Letters/Speech (SPG)
- M.A., Western Kentucky University
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

MIKLES, Stephen P. (1979)
Program Director II, Respiratory Care (HEC)
- Ed.S., University of South Florida
- M.A., University of South Florida
- B.S., State University of New York

MILLER, Karen L. (1993)
Letters (SE)
- M.A., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

MILLER, Lee Anne (1992)
Ethics (SPG)
- J.D., Stetson University
- M.A., University of Chicago
- B.A., Valparaiso University

MILLER, Michael P. (1996)
Coordinator II, Project (AC)
- B.S., Millersville University

MITCHELL, Kathy A. (1998)
Natural Science (CL)
- M.P.H., University of South Florida
- B.A., University of South Florida

MITSIS, George (2002)
Speech/Letters (TS)
- Ph.D., Drew University
- M.Phil., Drew University
- M.A., Butler University
- B.A., Indiana University

MOHR, Jane E. (1995)
Senior Accountant (DO)
- B.S., Eastern Michigan University

MOIR, James M. (1984)
M.M. Bennett Library (CL)
- M.L.S., Wayne State University
- B.A., University of Michigan

MONROE, Alice J. (1995)
Natural Science (SPG)
- M.Ed., University of South Florida
- B.S., Duke University

MONTALVO, Debria (1997)
Operations Manager (ICOT)
- M.S., National-Louis University
- B.A., National-Louis University
- A.A., St. Petersburg Junior College

MOORE, David D., (2001)
Program Director II, Dual Credit (AC)
- Ph.D., University of South Florida
- M.A., University of South Florida
- B.A., Clearwater Christian College

MOORE, James C. (2002)
Director, One Stop Centers (DO)
- M.B.A., Drexel University
- B.S., Villanova University

MORELLI-WHITE, Nan (1985)
Letters (CL)
- Ph.D., Florida State University
- M.A., University of South Florida
- B.A., University of South Florida

MORGAN, Kevin (1999)
Letters (SE)
- Ed. D., Nova Southeastern University
- M.Ed., University of South Florida
- B.A., College of William and Mary

MORRISON, Sharon (2002)
Mathematics (CL)
- M.Ed., University of South Florida
- B.A., Northeastern Bible College

MOSELEY, Sarah H. (1999)
Nursing (HEC)
- M.S., University of Tennessee
- B.S.N., University of Tennessee

MOSSER, Dennis M. (1985)
Manager, Safety & Environmental (DO)
- M.Ed., National Louis University
- B.S., Southern Illinois University
- A.A.S., Rowan Technical College

MULLINAX, Vanya C. (2002)
Fine & Applied Arts (TS)
- M.A., University of South Florida
- B.A., University of South Florida

MURRAY, Kevin (2000)
Applied Ethics (CL)
- S.T.L., University of St. Thomas Aquinas
- M.T., Seminary of St. Vincent de Paul
- M.A., University of South Florida
- M.Div., Seminary of St. Vincent de Paul
- B.A., University of South Florida

MUSGRAVE, Richard P. (1997)
Natural Science (SPG)
- Ph.D., University of Queensland
- B.S.C., University of Queensland

- N -

NAJMY, Cristina B. (2001)
Manager, Computer Operations, Corporate Training (ICOT)
- M.A., Teachers College Columbia University
- B.A., Saint Mary's College

NARAVANE, Anita N. (2003)
Natural Sciences (SE)
- M.D., University of Delhi, India

NASH, Brian R., (2001)
Business Technologies (SPG)
- M.Acc., University of Florida
- B.S., University of Florida

NAYLOR, Sally (2001)
Dean, Baccalaureate Programs (TS)
- Ph.D., University of Iowa
- M.A., Ohio State
- B.S., Ohio State

NEIBERGER, Anne N. (1989)
Project Coordinator I, New Initiative Program (HEC)
- B.A., Eckerd College

NESTLER, Jayson (1991)
M.M. Bennett Library (SPG)
- M.L.S., University of South Florida
- M.A.C.E., Dallas Theological Seminary
- B.A., University of Tampa

NEWMAN, Paul N. (1998)
Coordinator II, Project (AC)

NICKELS, Sharon J. (1976)
Business Technologies (CL)
- M.A., University of South Florida
- B.A., University of South Florida

NICOTERA, Phillip V. (2003)
Natural Sciences (CL)
- M.D., University Bologna
- M.S.Ed., State University College at Buffalo
- B.A., Daemen College

NIXON, Jr., William (1983)
Natural Science (SPG)
- Ph.D., University of Georgia
- B.S., Georgia Institute of Technology

NORFLEET, Sunny (1986)
Mathematics (CL)
- Ed.D., Nova Southeastern University
- M.S., University of Idaho
- B.S., Whitworth College

NORTHCUTT, Ruth W. (1992)
Fine and Applied Arts (SPG)
- D.M.A., University of Alabama
- M.M., University of Alabama
- B.M., University of Alabama

NORWOOD, Sheryll Y. (2000)
Business Technologies (CL)
- B.S., North Carolina Central University

NULL, Mary L. (2004)
Instructional Assistant, Communications (SPG)
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

- O -

O'DANIELS, Kristina M. (1988)
Coordinator, Program Development & Marketing (TS)
- M.B.A., Saint Leo College
- B.A., Saint Leo College
- A.A., St. Petersburg Junior College

O'KEEFFE, Michael L. (1997)
Assistant Director, Institutional Advancement (DO)
- A.A., St. Petersburg Junior College

ODUTOLA, Adeniji A. (2003)
Director, BA Programs (TS)
- Ph.D., Florida State University
- M.A., Virginia State University
- B.A., College of William and Mary

OJEDA, Fernando A. (1989)
Foreign Languages (CL)
- M.A., Appalachian State University
- B.A., Appalachian State University

OJEDA, Jeanna (2002)
Letters (TS)
- M.A., University of South Florida
- B.S., Appalachian State University

OLLIVER, James (1989)
Provost (SE)
- Ph.D., Florida State University
- M.S., Florida State University
- B.A., State University College at Buffalo

OPPER, S. Carl (1983)
Natural Science (CL)
- M.S., University of Florida
- B.S., University of Florida
- A.A., Miami-Dade Community College

ORAMA, Juanita (1990)
Project Coordinator I, Special Needs (DO)
- B.A., Eckerd College

ORTIZ, Therezita K. (1999)
Business Technologies (SPG)
- M.S., Nova Southeastern University
- B.A., University of Puerto Rico

OSKAMP, Eugene (1998)
Counselor (SPG)
- M.S., State University of New York
- B.A., St. John Fisher College

OSTERHOUDT, Maria C. (2001)
Business Technologies (TS)
- B.A., Jersey City State College

- P –

PALERMO, Delia A. (1981)
Letters (CL)
- Ed.D., Nova University
- M.Ed., University of South Florida
- B.A., University of South Florida

PANO, David N. (1998)
Physical Education / Scholarships & Student Financial Assistance (SPG)
- M.S., Florida Institute of Technology
- B.A., Eckerd College

PARCHETA, Susan C. (1989)
Business Technologies (TS)
- M.A., University of South Florida
- B.S., Western Michigan University

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PARKER, Jr., James A. (1992)
Counselor (SPG)
- M.Ed., Trenton State College
- B.S., Florida A. & M. University

PARKER, Jane E. (2003)
Coordinator Development (DO)
- M.S., University of Mississippi
- B.S., Indiana University

PARKER, Jeffrey (2000)
Snr. Network/Design & Security Engineer (SE)
- B.S., Florida State University
- A.A., Polk Community College

PARKER, Lana Y. (2003)
Coordinator II, Project (DO)
- B.A., Florida State University

PATE, Betty J. (1988)
Mathematics (SPG)
- M.Ed., Edinboro University
- B.S., Edinboro University

PATEL, Christine K. (2003)
Dental Hygiene (HEC)
- B.S., University of North Carolina
- A.S., St. Petersburg Junior College
- A.A., St. Petersburg Junior College

PATTERSON, Dale A. (2003)
Baccalaureate Programs (TS)
- Ed.D., University of Georgia
- M.A.T., Georgia State University
- B.S., Pfieffer College

PATTERSON, Kevin E. (1997)
Funeral Services (HEC)
- M.S., University of Missouri
- B.S., University of Missouri

PAYANT, Wanda (2002)
Elementary Education, Baccalaureate Program (TS)
- Ph.D., University of Nebraska/Lincoln
- M.S., University of Nebraska/Omaha
- B.S., Black Hills State College

PEDICONE, James A. (2002)
Coordinator, Construction (DO)

PEEBLES, Mark (1993)
Natural Science (TS)
- Ph.D., University of South Florida
- M.S., Auburn University
- B.S., Clemson University

PENDHARKAR, Dayaghan (1997)
Associate Vice President of Information System (SE)
- M.S., University of Poona
- B.S., University of Poona
- B.S., Science College

PEPICELLO, Sandra W. (2000)
Provost (HEC)
- Ph.D., University of Toledo
- M.S.N., Ohio State University
- B.S.N., Bowling Green State University

PETERS, Donna (2002)
Nursing, Baccalaureate Programs (HEC)
- Ph.D., University of Pennsylvania
- M.A., University of Iowa
- B.S., University of Pennsylvania

PETERSON, Carlene M. (1995)
Coordinator II, Project (AC)
- Ed.D., Nova Southeastern University
- M.P.A., Troy State University
- B.A., Baldwin-Wallace College

PETERSON, Sheryl S. (1983)
Distance Learning TV (SE)
- M.A., Anna Maria College
- B.A., University of Florida

PETRILLO, Wilhelmina J. (1967)
Natural Science (CL)
- M.A., East Carolina University
- B.S., Flora Macdonald College

PHILIPPE, Thomas W. (2003)
Baccalaureate Programs (TS)
- Ph.D., University of South Florida
- M.S., University of South Florida
- B.S., University of Illinois

PICARD, Angela (2000)
Program Director II, Health Information Management (HEC)
- M.Ed., Florida A&M University
- B.S., East Carolina University

PICKLE, Maria C. (2001)
Mathematics (CL)
- M.S., University of Southern California
- M.S., University of Nevada, Las Vegas
- B.S., University of Nevada, Las Vegas

PLOTTS, Randolph M. (1987)
Mathematics (SPG)
- M.A., Florida State University
- B.A., Florida State University

POLANSKY, Valerie L. (1995)
Medical Laboratory Technology (HEC)
- M.Ed., Gannon University
- B.A., Hood College

PORITZ, Jr., Stanley (1986)
Analyst/Programmer (SE)
- A.S., St. Petersburg Junior College

POTTS, Nancy L. (1981)
Nursing (R.N.) (HEC)
- M.S.N., University of California (San Francisco)
- B.S.N., University of Cincinnati

PRESTON, Suzanne C. (1989)
Social and Behavioral Sciences (CL)
- J.D., Florida State University
- B.A., Florida State University
- A.A., St. Petersburg Junior College

PRICE, Tim E. (1993)
Business Technologies (SE)
- Ph.D., University of South Florida
- M.B.A., University of South Florida
- B.S., Pennsylvania State University

PYLE, Mary D. (1997)
Ethics (SPG)
- M.A., University of South Florida
- B.A., University of West Florida

- Q -

QUARLES, David D. (1982)
Mathematics (SPG)
- M.Ed., University of South Florida
- B.A., University of South Florida

- R -

RABELO, Gregory (2000)
Instructional Technologist (TS)
- M.A., University of South Florida
- B.S., Truman State University

RAGASDALE, Frederick L. (1992)
Program Director I (AC)
- B.A., La Salle University

RAJARAM, Lakshminarayan (2000)
Mathematics (TS)
- M.S., New Jersey Institute of Technology
- M.S., University of Mysore
- B.S., University of Mysore

RAMSAY, Robert W. (2003)
Provost (TS)
- Ed.D., University of Miami
- M.Ed., Temple University
- B.A., Long Island University

RANGE, William J. (2002)
- M.A., University of South Florida
- B.S., University of South Florida

RAWA, Julia M. (2001)
Letters (SE)
- M.A., University of South Florida
- B.A., Rollins College

RAWANA, Neil (2002)
Project Technologist (AC)
- M.S., University of St. Thomas
- B.A., University of St. Thomas

REED, Gwendolyn H. (1986)
Scholarships & Student Financial Assistance Officer (CL)
- B.S., Florida A. &M. University

REESE, Diane J. (1990)
Letters (SPG)
- Ph.D., University of South Florida
- M.A., University of South Florida
- B.A., University of Florida

REITER, Susan M. (1977)
Director, Facilities Planning and Institutional Services (DO)
- B.A., University of South Florida

RICHARDS, Richard J. (1991)
Letters (CL)
- M.A., University of South Florida
- B.A., Trent University
- B.A., Queens University
- A.A., Mohawk College

RINARD, Patrick W. (1992)
Manager, Computer Programming & Support (SE)
- M.B.A., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

RIQUELME, Deborah J. (1993)
Nursing (R.N.) (HEC)
- M.S.N., Vanderbilt University

RIVERA, Jalika (2003)
Criminal Justice (AC)
- M.S., University of New Haven
- B.A., John Jay College of Criminal Justice

ROBERTS, Charles L. (1987)
Provost (SPG)
- Ph.D., University of Texas
- M.A., Florida State University
- M.Div., Garrett Theological Seminary
- B.A., Florida Southern College

RODEN, Peggy E. (2003)
Nursing (HEC)
- M.S., Texas Woman's University

RODRIGUEZ, Gary J. (1998)
Fine and Applied Arts (CL)
- M.A., Florida State University
- B.A., Florida State University

ROGERS, Fredrick H. (1997)
Emergency Medical Services (HEC)
- B.A., Eckerd College
- A.A., Tallahassee Community College

ROHRS, Jeffrey S. (1994)
Snr. Network/Design & Security Engineer (SE)
- A.A., St. Petersburg Junior College

ROSADO, Jr., Angel L. (1994)
Program Director II, Criminal Justice Institute (AC)
- M.S., University of Bridgeport
- B.A., Inter American University of Puerto Rico

ROWE, Ayanna (2002)
Counselor (HEC)
- M.Ed., Florida A&M University
- B.A., University of South Florida
- A.A., St. Petersburg College

ROWELL, Patricia (2000)
Snr. VP Administration (DO)
- Ph.D., University of Florida
- M.A., University of Florida
- B.S., University of Florida

ROYLE, James P. (2000)
Natural Science (SPG)
- M.A., University of South Florida
- B.S., University of South Florida
- A.S., St. Petersburg Junior College

RUSH, William D. (1990)
Mathematics (SPG)
- M.A., Appalachian State University
- B.S., Appalachian State University

RUSSELL, Nancy (1990)
Coordinator, Program Development & Marketing (CL)
- B.A., Illinois State University
- A.A., Black Hawk Junior College

RUTLEDGE, James J. (1993)
Mathematics (SPG)
- M.A., University of South Florida
- S.B., Massachusetts Institute of Technology

RYAN, Marilyn A. (1982)
Coordinator, Curriculum Services (DO)
- M.P.A., Troy State University
- B.S., Nova University

- S -

SABAN, Thomas (2002)
Associate Vice President of Planning/Budget Research (DO)
- M.B.A., University of Miami
- B.S., University of Wyoming

SANCHEZ, Luis (2000)
Fine and Applied Arts (SPG)
- D.A., Ball State University
- M.M., Ball State University
- B.M., Conservatorio Nacional de Musica

SCHRADER, Daryl L. (1977)
Mathematics (SPG)
- M.A., University of South Florida
- B.A., University of South Florida
- A.A., Manatee Junior College

SCHREUR, Lisa (2001)
Project Technologist (AC)

SCHULTZ, Linda (2000)
Manager, Payroll (TS)
- B.A., Thiel College

SCHULTZ, Stephen R. (1994)
Natural Science (SE)
- Ph.D., Louisiana State University
- M.S., Louisiana State University
- B.S., University of Florida

SCHWARTZ, Jean M. (2000)
Counselor (SPG)
- M.A., University of South Florida
- B.A., North Dakota State University

SCOTT, Sean D. (2001)
Business Technologies (CL)
- J.D., University of Florida
- B.A., University of Florida
- A.A., St. Petersburg Junior College

SEBASTIEN, Anya C. (1998)
Associate Provost (SE)
- Ph.D., George Washington University
- M.S., University of Miami
- B.S., Lesley College

SHAPIRO, Alan B. (1998)
Instructional Technologist (SE)
- M.S., Nova Southeastern University
- B.S., Penn State University

SHEPLER, Patrick S. (2003)
Coordinator, EMS Programs (HEC)
- B.S., National Louis University
- A.A.S., St. Petersburg Junior College

SHERMAN, Tiffani L. (2003)
Coordinator II (AC)
- B.A., Duke University

SHOWERS, Denotra L. (2000)
Counselor, SSS Trio (SPG)
- M.A., University of South Florida
- B.S., North Carolina A&T State University

SIDWELL, Karen S. (1989)
Letters (CL)
- M.S., Auburn University
- B.A., Ouachita Baptist University

SIEGEL, Jeanne (2002)
Nursing (HEC)
- M.S.N., University of South Florida
- B.S.N., University of South Florida
- A.A.S., Mercer County Community College

SILADIE, Jeanette E. (1981)
Dental Hygiene (HEC)
- M.Ed., University of South Florida
- B.S., University of Missouri (Kansas City)
- A.S., Springfield Technical Community College

SKELTON, Margaret A. (1979)
Nursing (R.N.) (HEC)
- M.S., University of South Florida
- M.A., University of South Florida
- B.S.N., University of Florida
- A.A., St. Petersburg Junior College

SKLUZACEK, Eugene W. (2000)
Natural Science (SPG)
- Ph.D., Air Force Institute of Technology
- M.S., Air Force Institute of Technology
- B.S., St. John's University

SLATER, Roy W. (1993)
Social and Behavioral Science (CL)
- M.A., Jackson State University
- B.A., Jackson State University

SMALLING, Judith D. (1980)
Mathematics (SPG)
- M.A., University of South Carolina
- B.A., Western Kentucky State

SMILEY, Joseph (1981)
Program Director II, Business Technologies (TS)
- Ed.D., University of Sarasota
- M.A., University of Notre Dame
- B.S., Florida A. & M. University

SMITH, Laura A. (1979)
Communications (TS)
- M.S., Duquesne University
- B.A., University of South Florida

SMITH, Martin J. (2003)
Health Information Management (HEC)
- B.A., University Surrey at Reigate
- A.S., St. Petersburg Junior College

SMITH, Nancy F. (1989)
Physical Education (SPG)
- M.S., Nova University
- B.F.A., University of Florida

SMITH, Pamela S. (1991)
Coordinator, Legal Services, College Attorney (DO)
- B.A., National-Louis University
- A.S., St. Petersburg Junior College
- A.A., Open Bible College

SMITH, Tamara L. (2001)
Human Resources (TS)
- B.S., Liberty University

SMITH, William J. (1991)
Physical Education (CL)
- M.A., University of South Florida
- B.S., Bethune-Cookman College

SPRAGGINS, Vera F. (1984)
Social and Behavioral Science (SPG)
- M.S., The City College of New York
- B.A., The College of Mount St. Vincent

SPRINGFIELD, W. Thaxton (1989)
Natural Science (SPG)
- Ph.D., University of Florida
- M.Ed., University of Florida
- B.A., Emory University

STEDHAM, Vickee (1998)
Business Technologies (CL)
- M.S., Nova Southeastern University
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

STEELE, Jonathan E. (1991)
Program Director II, Humanities/ Fine and Applied Arts (SPG)
- Ph.D., University of Florida
- M.M., University of South Florida
- B.A., Clearwater Christian College

STEEN, Traci C. (2000)
Mgr. Construction & Design (DO)
- J.D., Stetson College of Law
- B.A., Illinois State University

STEERS, Matthew W. (1984)
Chief Television Engineer (SE)

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STEPANOVSKY, Nerina J. (1996)
Program Director II, Emergency Medical Services (HEC)
- M.S.N., Wright State University
- B.S.N., Franklin University

STODDEN, Clifford D. (1996)
Natural Science (TS)
- Ph.D., University of Florida
- B. S., Rockhurst College

STONE, Melvin (1983)
Business Technologies (CL)
- M.Ed., University of South Florida
- B.A., Eckerd College
- A.S., St. Petersburg Junior College

STRICKLAND, Lawrence F. (1978)
Senior Systems Analyst (SE)
- M.A., University of South Florida
- B.S., Florida State University
- A.A., St. Petersburg Junior College

STRICKLAND, Mark (2002)
Coordinator, Enrollment Management (HEC)
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

STUBBS, Steven P. (1996)
Coordinator of Admissions and Registration (HEC)
- B.S., University of Pittsburgh

STUBOS, Alexandria (1994)
Coordinator, Campus Students/Business Services (TS)
- M.B.A., St. Leo University
- B.A., St. Leo University
- A.A., St. Petersburg Junior College

STYERS, Barbara L. (1990)
Social and Behavioral Science (CL)
- M.Ed., Auburn University
- B.S., Ball State University

SUESS, Anna M. (1991)
Letters/Speech (SPG)
- Ed.D., Nova Southeastern University
- M.S., University of South Florida
- B.S., Ohio University

SULLIVAN, Anne M. (2003)
Letters (SPG)
- M.A., University of South Florida
- B.A., Eckerd College
- A.S., St. Petersburg Junior College

SULLIVAN, David (1996)
Emergency Medical Services (HEC)
- B.A., Eckerd College
- A.S., St. Petersburg Junior College

SULLIVAN, Donald (2002)
Vice President, Economic Development and Innovative Projects (DO)
- M.D., Baylor University

SULLIVAN, Michael (2004)
Dir. Med. Devices Cluster Ini.(DO)
- M.B.A., Pepperdine University
- B.E., University of Massachusetts, Lowell

SUMMERS, Gideon E. (1992)
Criminal Justice Institute (AC)
- B.A., Saint Leo College
- A.A., Hillsborough Community College

SUTTON, Maria C. (2003)
Nursing (HEC)
- M.S.N., University of Pennsylvania

SWALLWOOD, Sharon A. (1983)
Communications (CL)
- Ed.D., University of Florida
- M.A., Central Michigan University
- M.S., State University of New York at Albany
- B.A., State University of New York at Stony Brook

SWANHART, Gary M. (2001)
Coordinator (AC)
- B.A., Tampa College

SWIERSZ, Thomas J. (1989)
Mathematics (SPG)
- Ph.D., Florida State University
- M.Ed., University of Illinois
- B.S., Illinois State University

SZUCH, Connie F. (1989)
Program Director II,
Business Technologies (SPG)
- M.Ed., University of South Florida
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

- T -

TARANTO, JR., Vernon A. (1996)
Fine and Applied Arts (SPG)
- D.M.A., Louisiana State University
- M.M., Louisiana State University
- B.M, Louisiana State University

TAYLOR, Brooke E. (2002)
Coordinator II, College Reach Out (DO)
- M.A., University of South Florida
- B.A., University of South Florida

TENDL, Ginger A. (1978)
Manager, Computer Programming & Support (SE)
- B.A., University of South Florida
- A.S., St. Petersburg Junior College

TETER, Dolores M. (1989)
Counselor (HEC)
- Ph.D., Florida State University
- M.S., Florida State University
- B.A., University of Puerto Rico

TETER, Jr., John H. (1978)
Business Technologies (TS)
- M.B.A., University of Tennessee
- B.S., Trevecca Nazarene College

THIEL, Janice (2002)
Instructional Technologist (SE)
- M.A., San Diego University
- B.S., University of South Florida

THOMAS, David J. (2003)
Criminal Justice (AC)
- Ph.D., The Union Institute
- M.Ed., National Louis University
- B.A., Mercy College of Detroit

THOMPSON, Barbara (1994)
Counselor (TS)
- M.A., Arizona State University
- B.A., University of Arizona

TIBBETT, Ann (1999)
Letters (SE)
- M.S., Nova University
- B.S., University of South Florida

TITLOW, Frank G. (1977)
Business Technologies (SPG)
- Ph.D., Florida State University
- M.B.A., Pennsylvania State University
- B.S., Pennsylvania State University

TITTLE, Mary (2003)
Nursing, Baccalaureate Program (HEC)
- Ph.D., University of Florida
- M.S., University of Florida
- B.S.N., University of Florida
- A.S., Sinclair Community College

TOLLON, David C. (1974)
Veterinary Technology (HEC)
- D.V.M., Ohio State University
- B.S., University of Miami

TRUJILLO, Faride (2003)
Foreign Language (SE**)**
- M.A., University of South Florida
- B.S., University of Florida
- A.A., Miami Dade Community College

TSIEN, Thomas N. (1973)
Natural Science (CL)
- Ph.D., University of Houston
- M.S., University of Houston
- B.S., University of Hong Kong

TUNCEREN, Lillien L. (1991)
Letters (CL)
- M.A., Teachers College Columbia University
- B.A., Assumption College

- U -

ULMER, Yvonne (1998)
Associate Provost (SPC Downtown Center)
- M.Ed., Georgia State University
- B.A., University of South Florida
- A.A., St. Petersburg Junior College

- V -

VANCOTT, Marylou (2003)
Baccalaureate Programs (TS)
- Ph.D., University of Florida
- M.S., University of South Florida
- B.S., University of South Florida

VASQUEZ, Arthur (2001)
Business Technologies (CL)
- B.S., University of North Florida

VASSEL, Eleanor (1983)
Letters (CL)
- M.Ed., University of Tampa
- B.S., Florida State University

VAUGHAN, John T. (1993)
Program Director II, Natural Science (SPG)
- M.S., Ohio State University
- M.S., University of Florida
- B.S., Appalachian State University

VITTETOE, Gina L. (2003)
Scholarships & Student Financial Assistance Officer (SPG)
- B.A., University of Northern Iowa

VITTETOE, Stan O. (2003)
Provost (CL)
- Ph.D., Iowa State University
- M.A., University of Iowa
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- W -

WAECHTER, James D. (2003)
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- B.A., University of South Florida

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- B.N., College of St. Scholastica

- Y -

YAKLE, Linda E. (1990)
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- A.A., St. Petersburg Junior College

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- B.A., Queens University

ZIMMERMAN, Kristen, (2001)
Counselor, Baccalaureate Programs (TS)
- M.A., Michigan State University
- B.S., Michigan State University

- Z -

*****

BENNETT, Michael M. (1940)
President Emeritus
- Ed.D., Florida State University
- M. A., Florida State University
- B.S., University of Florida

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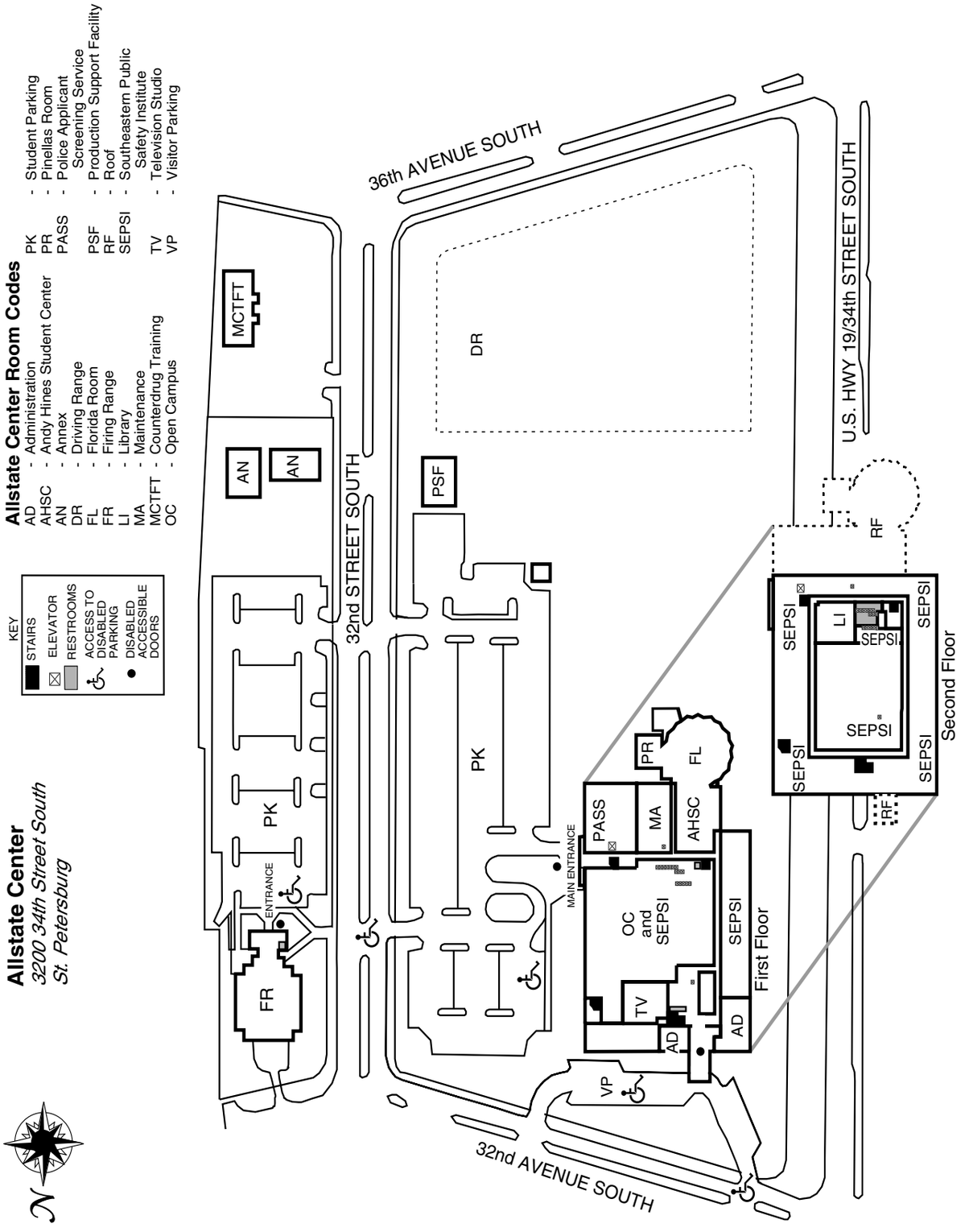
Allstate Center



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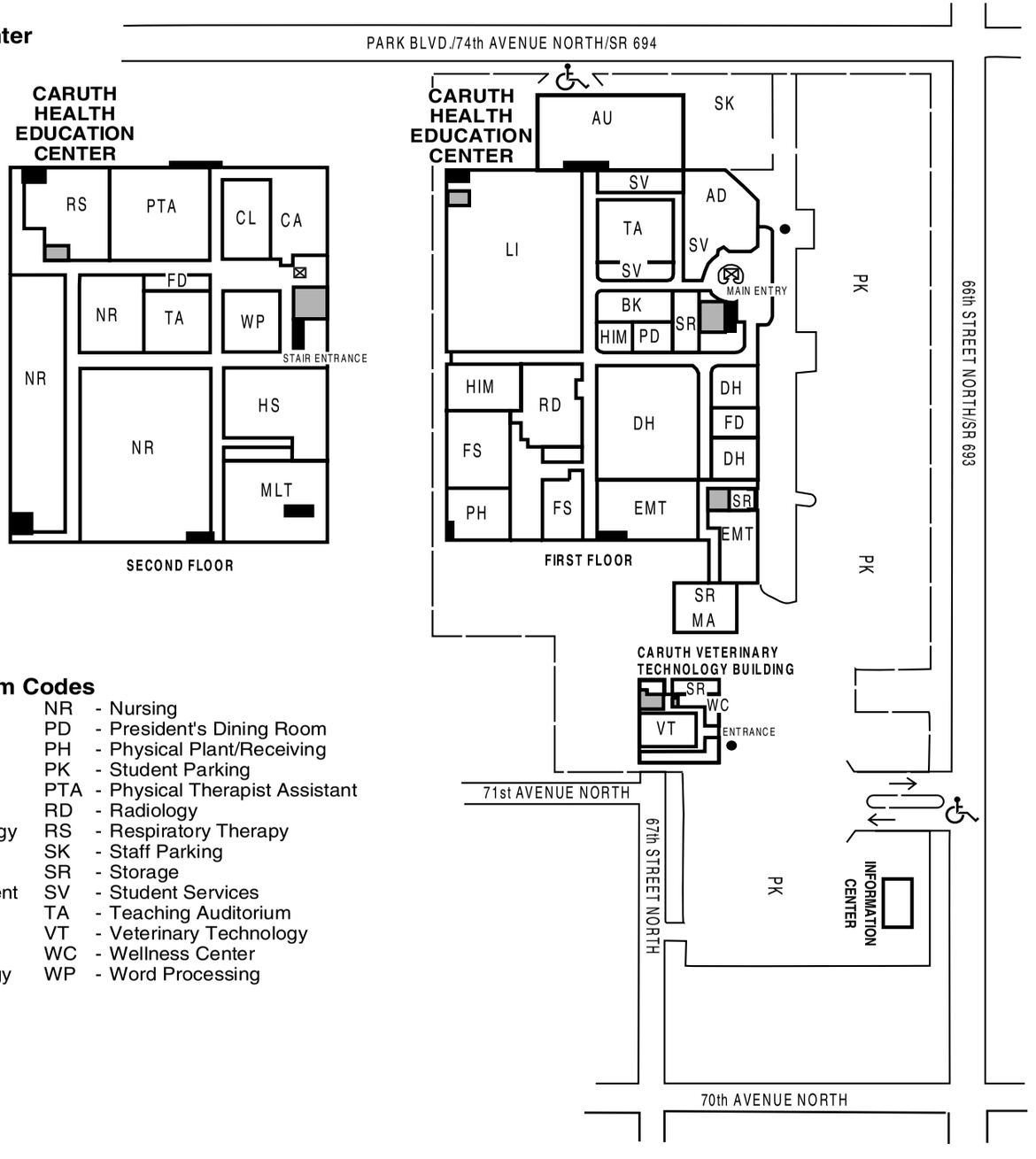
Caruth Health Education Center

Caruth Health Education Center
7200 66th Street North
Pinellas Park



Health Education Center Room Codes

AD	- Administration	NR	- Nursing
AU	- Auditorium	PD	- President's Dining Room
BK	- Bookstore	PH	- Physical Plant/Receiving
CA	- Cafeteria	PK	- Student Parking
CL	- Classrooms	PTA	- Physical Therapist Assistant
DH	- Dental Hygiene	RD	- Radiology
EMT	- Emergency Medical Technology	RS	- Respiratory Therapy
FD	- Faculty Development	SK	- Staff Parking
FS	- Funeral Services	SR	- Storage
HIM	- Health Information Management	SV	- Student Services
HS	- Human Services	TA	- Teaching Auditorium
LI	- Library	VT	- Veterinary Technology
MA	- Maintenance	WC	- Wellness Center
MLT	- Medical Laboratory Technology	WP	- Word Processing

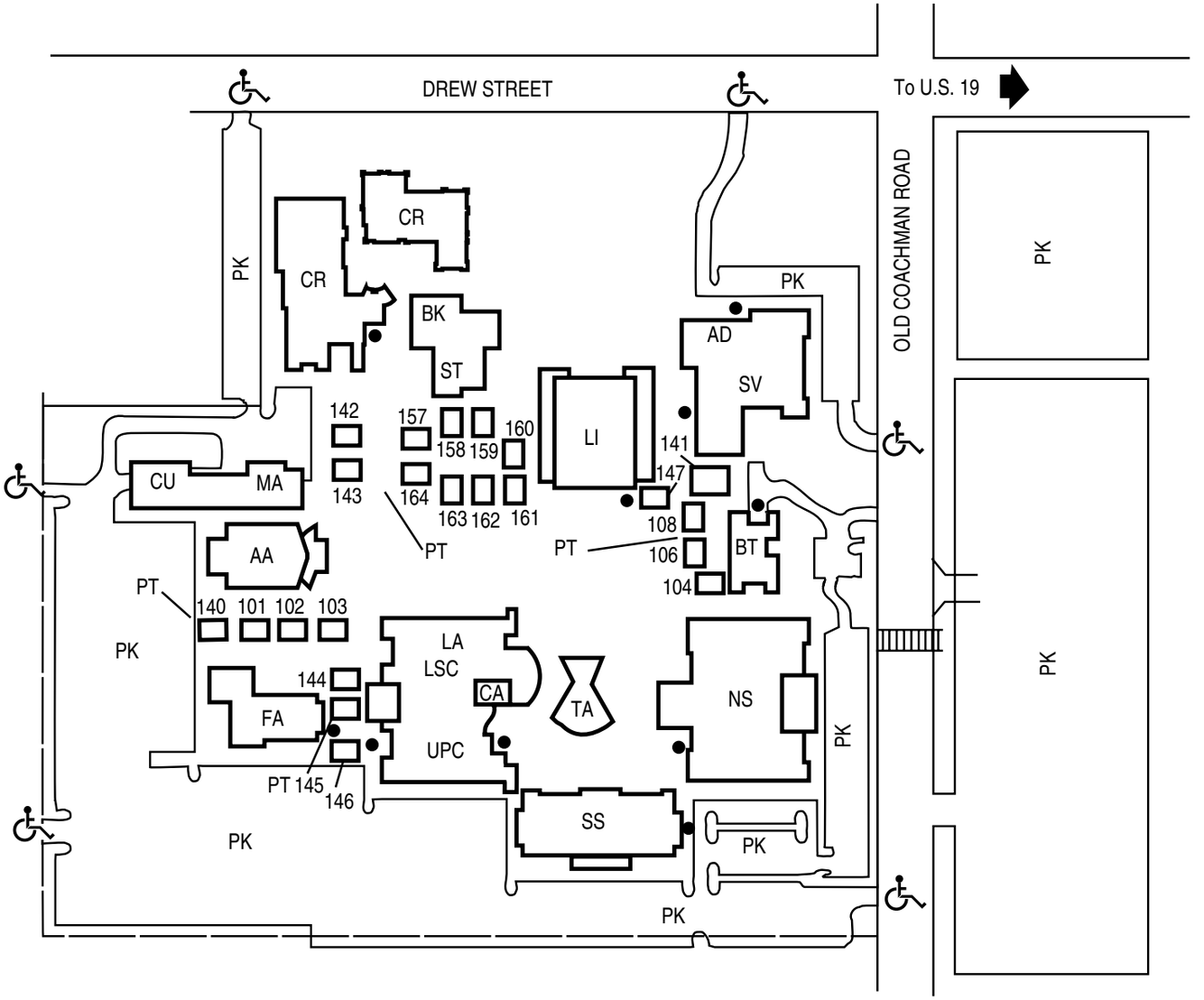
Clearwater Campus

Clearwater Campus
2465 Drew Street
Clearwater

KEY
- ACCESS TO DISABLED PARKING
- DISABLED ACCESSIBLE DOORS

CLEARWATER BUILDING CODES

AA - Arts Auditorium
AD - Administration Building
BK - Bookstore
BT - Business Technologies
CA - Cafe/Food Services
CR - Crossroads Building
CU - Central Utilities
FA - Fine Arts
LA - Language Arts
LI - Michael M. Bennett Library
LSC - Learning Support Center
MA - Maintenance
NS - Natural Science
PK - Student Parking
PT - Portables 101, 102, 103, 104, 106, 108, 140, 141, 142 , 143, 144, 145, 146, 147, 157, 158, 159, 160, 161, 162, 163 and 164
SS - Social Sciences
ST - Student Activities
SV - Student Services
TA - Teaching Auditorium
UPC - University Partnership Center



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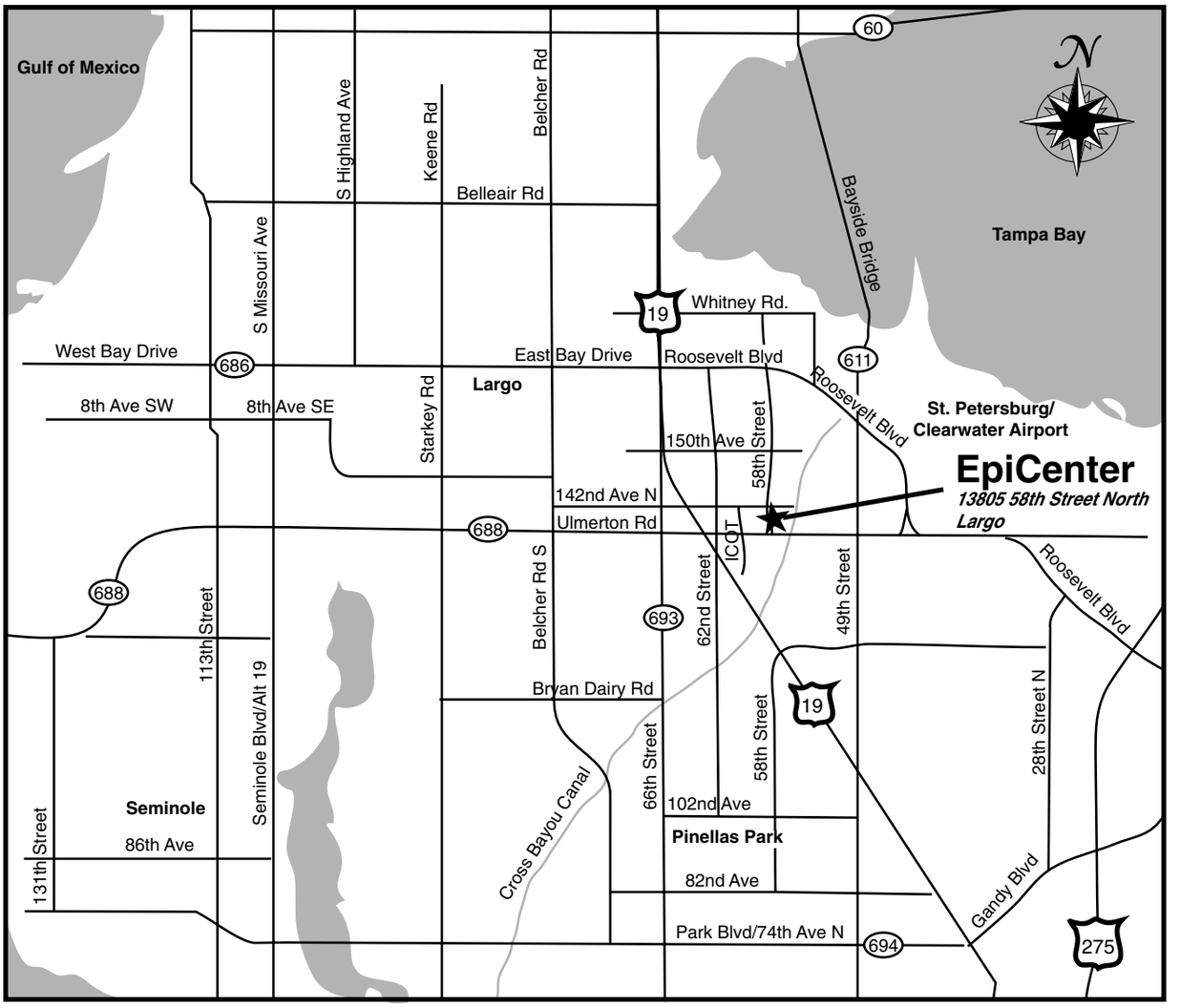
EpiCenter



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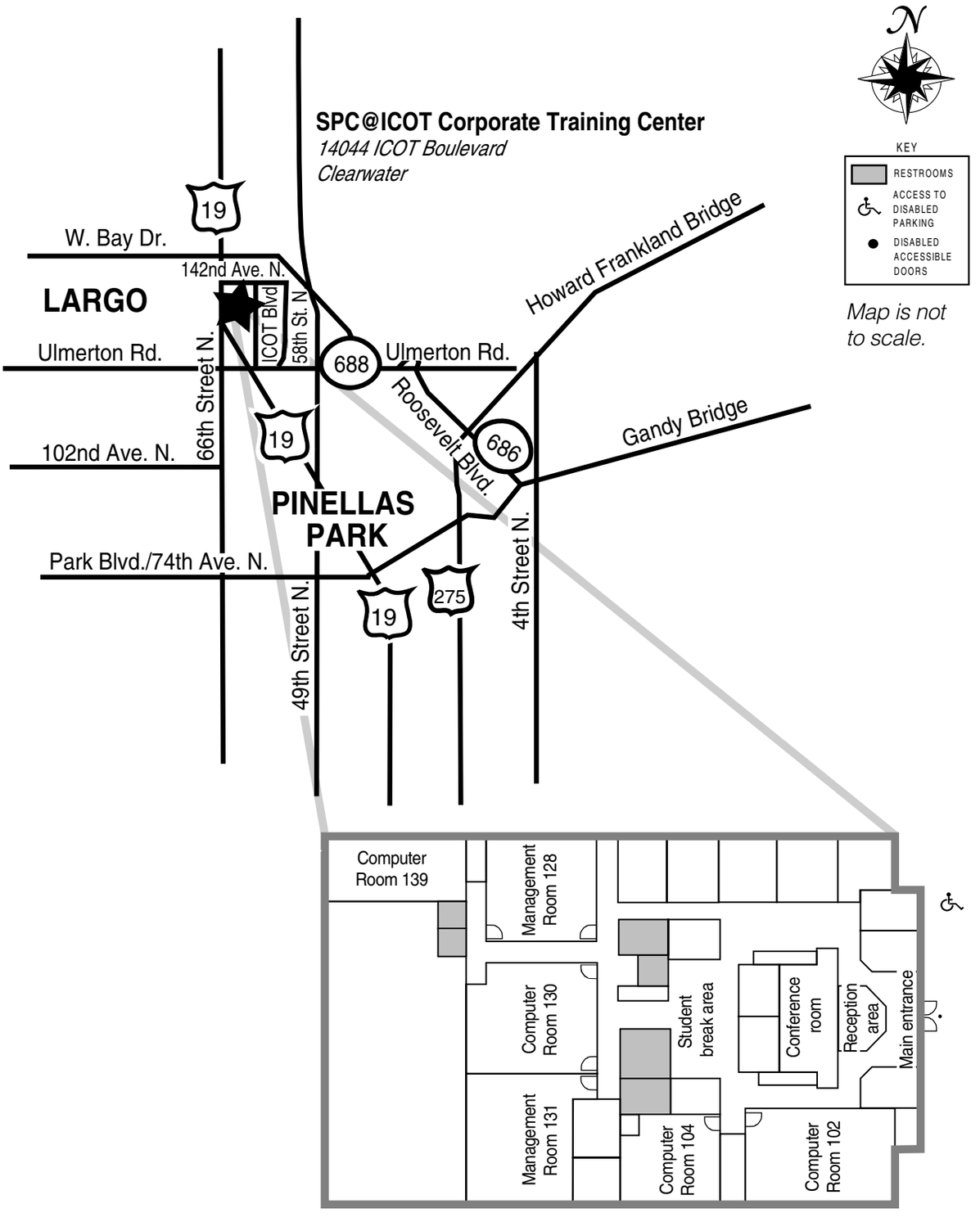
SPC@ICOT Corporate Training Center



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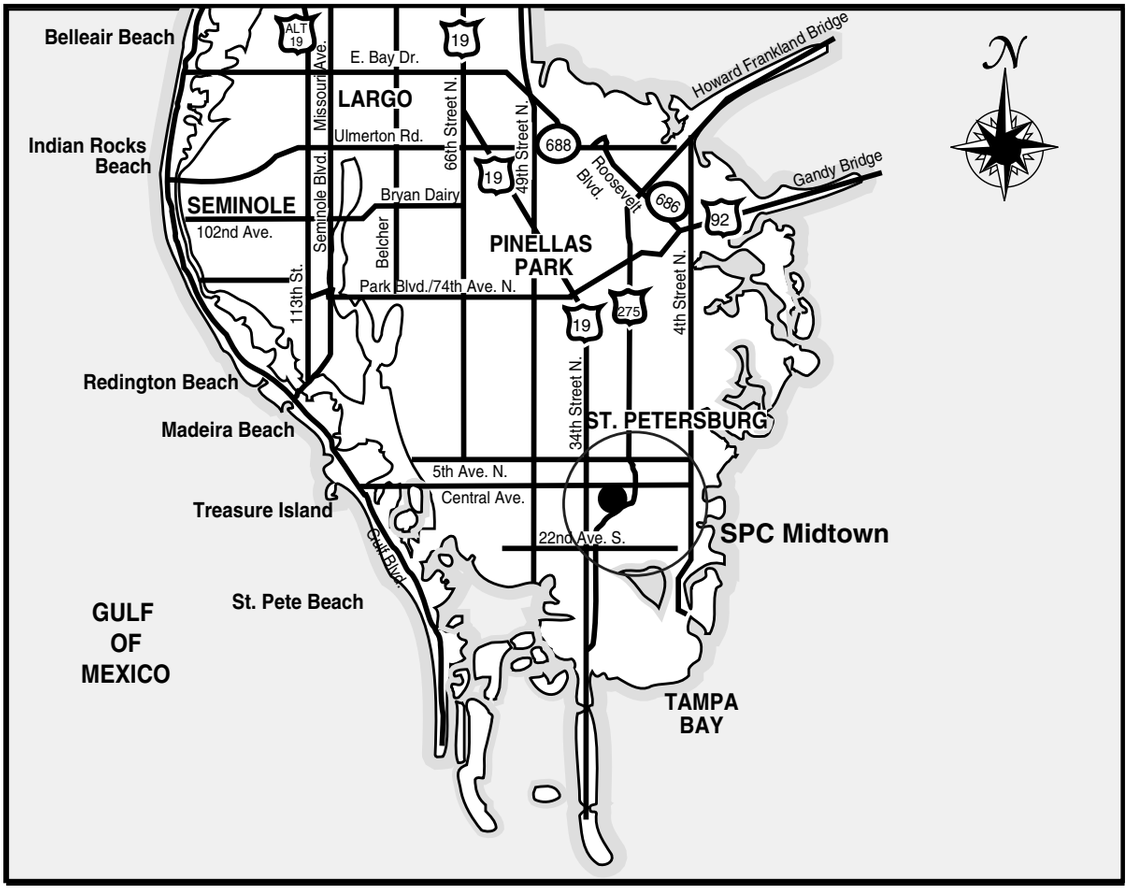
SPC Midtown Center

SPC Midtown

1048 22nd Street South
St. Petersburg



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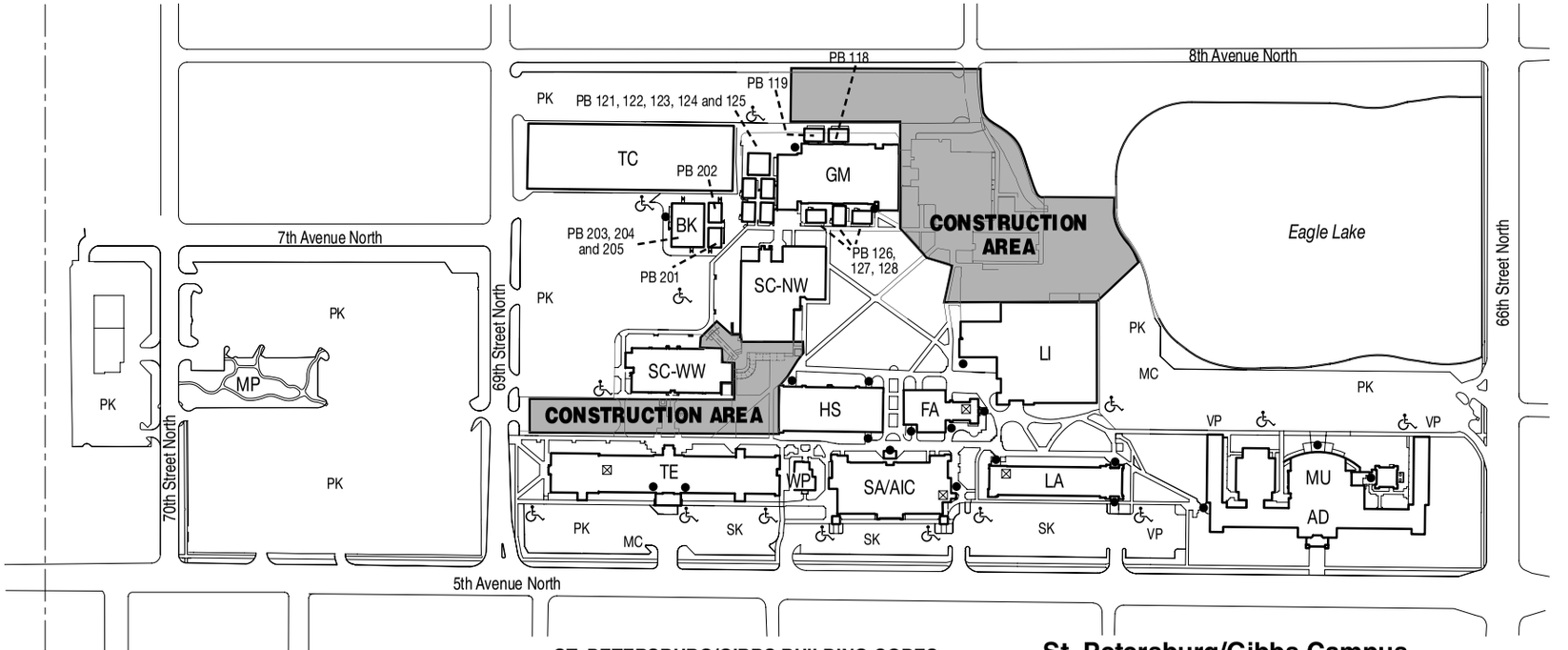
St. Petersburg/Gibbs Campus



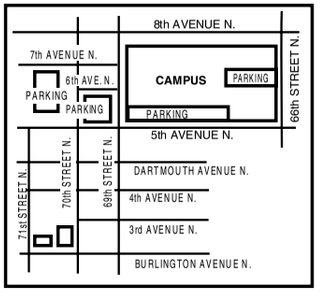
ST. PETERSBURG/GIBBS BUILDING CODES

- AD - James E. Hendry Administration Building
- AIC - Alternate Instruction Center in Social Arts
- BK - Bookstore (PB 203, 204 and 205 beginning Feb. 2003)
- CHS - Collegiate High School (PB 121, 122, 123 and 125)
- ET - Thomas H. Gregory Ethics Building
- FA - Fine Arts
- FS - Joseph H. Lang Student Center and Food Services
- GM - Gymnasium
- HS - Humanities
- LA - Language Arts
- LI - Michael M. Bennett Library
- MA - Maintenance
- MC - Motorcycle Parking
- MP - Mini Park (picnic area)/Challenge Course
- MU - Music Center
- PB - Portables -118 (CROP), 119, 121, 122, 123, 124, 125, 126 (Security), 127, 128 (Student Activities) , 201, 202 (Game Room), 203, 204, 205 (Bookstore)
- PE - Physical Education Building
- PK - Student Parking
- RT - Running Track
- SA - Philip Benjamin Social Arts Building
- SC - Natural Science
- SK - Staff Parking
- TC - Tennis Courts
- TE - W. Richard Johnston Technical Building
- WP - Word Processing
- VP - Visitor Parking

St. Petersburg/Gibbs Campus

6605 Fifth Avenue North
St. Petersburg

Note: Gray areas are closed for construction.



PARKING COLOR CODES

- Handicapped - Blue
- Staff/Faculty - Yellow
- Student - White
- Visitor - Green

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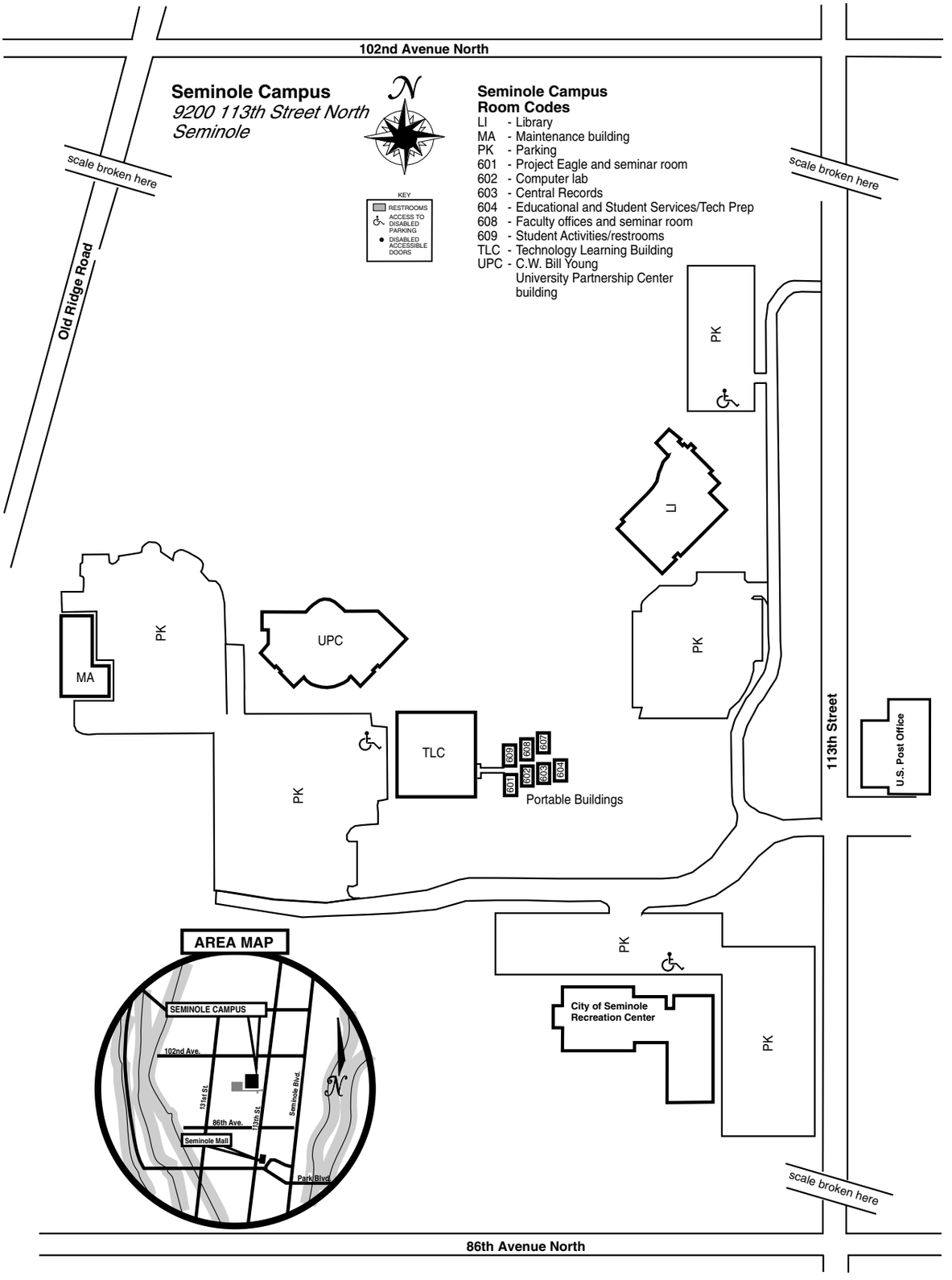
Seminole Campus



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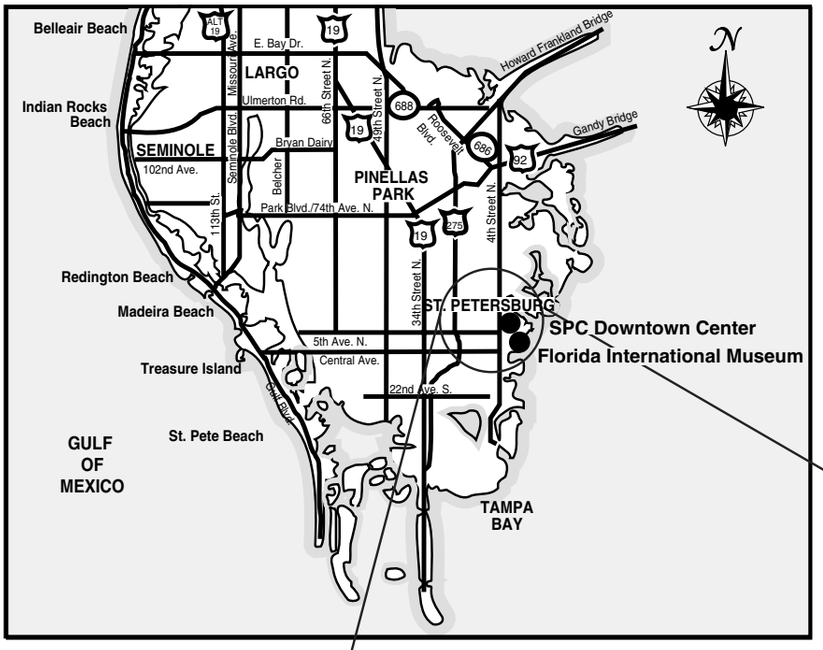
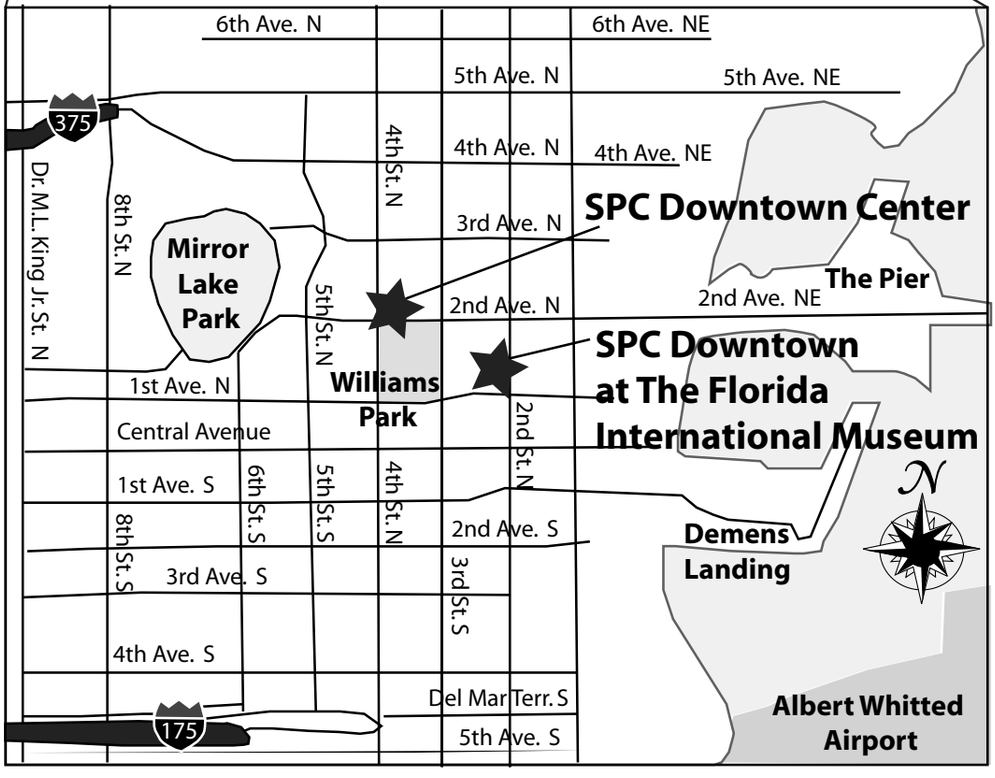
SPC Downtown

SPC Downtown Center
201 Fourth Street North
St. Petersburg

SPC Downtown at Florida International Museum
100 Second Street North
St. Petersburg





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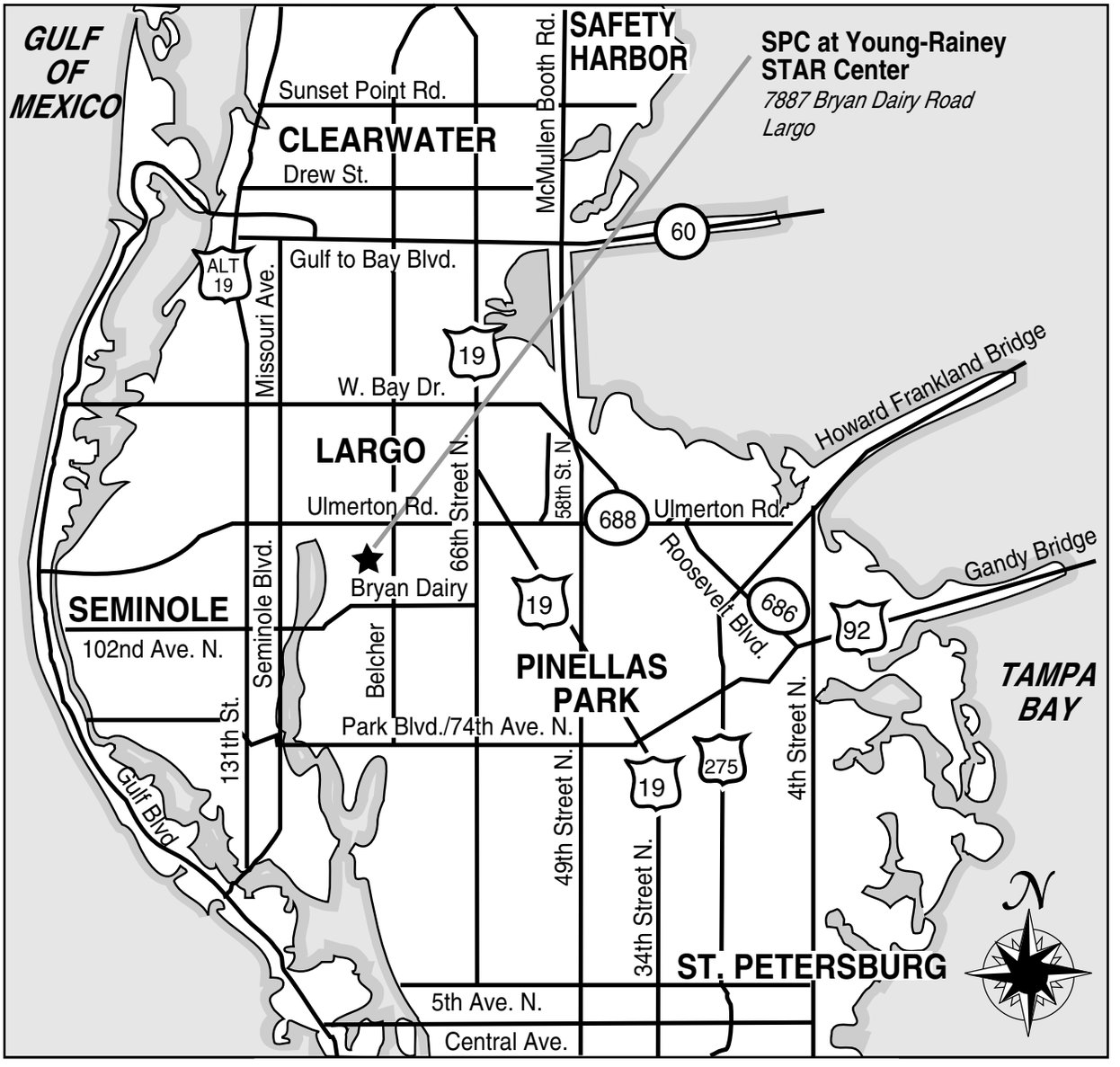
SPC at Young-Rainey STAR Center



Take the staircase at the green entrance on the south side of the building to get to SPC classes.

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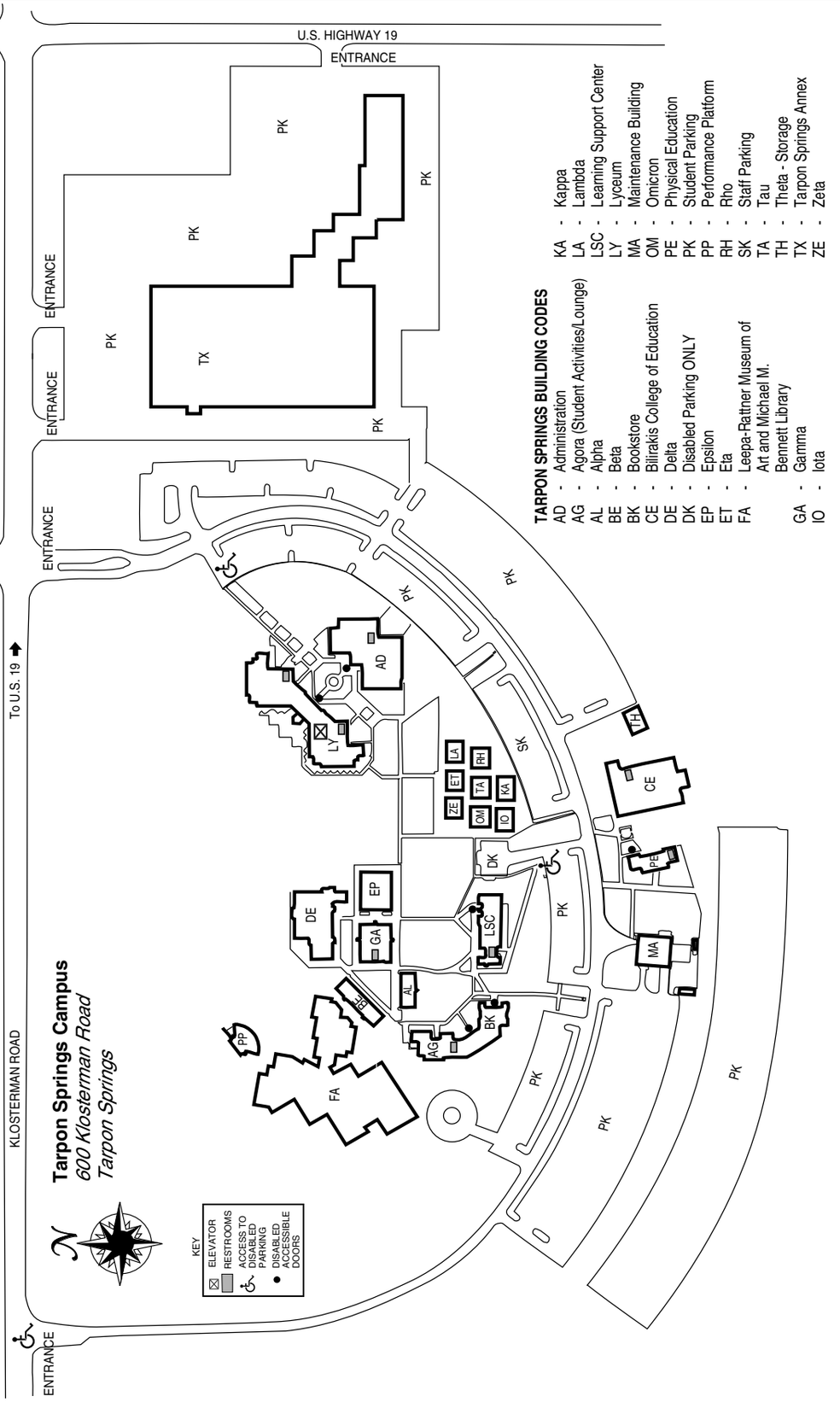
Tarpon Springs Campus



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