

## 2015 Assessment Results for Student Learning Outcomes & Program Effectiveness

**Program Mission:** The mission of the St. Petersburg College Radiography Program is to provide the knowledge, skills, and attitudes that will culminate in successful employment of the graduate as a Registered Technologist in Radiography or RT(R). The program will provide a foundation that will promote life-long learning and prepare students for rewarding careers within the profession.

**Goal #1:** Students will be clinically competent.

STUDENT LEARNING OUTCOME	MEASUREMENT TOOL	BENCHMARK	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
Students will employ proper radiographic positioning techniques.	Average of the responses to question B.4 from the Final Clinical Evaluation for RTE 1814L Clinic II (end of first year)	Average score of 80% or higher (5-point scale)	<b>December of:</b> 2011: 91% 2012: 91% 2013: 88% 2014: 93% 2015: 82%	There will be no action at this time but we will continue to closely monitor the results.
	Average of the responses to question B.4 from the Final Clinical Evaluation for RTE 2844L Clinic V (end of second year)	Average score of 80% or higher (5-point scale)	<b>December of:</b> 2011: 92% 2012: 89% 2013: 93% 2014: 94% 2015: 91%	There will be no action at this time but we will continue to closely monitor the results.

**Goal #1 Continued:** Students will be clinically competent.

STUDENT LEARNING OUTCOME	MEASUREMENT TOOL	BENCHMARK	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
<p><b>Students will set appropriate technical factors.</b></p>	<p>Average of the responses to question 3 of the Competency Evaluation Form</p>	<p>A random sampling of 30 <b>first year students</b> will score a combined average of 80% or higher during their second semester of Clinic. (3-point scale)</p>	<p><b>December of:</b> 2012: 90% 2013: 93% 2014: 91% 2015: 91%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>
	<p>Average of the responses to question 3 of the Competency Evaluation Form</p>	<p>A random sampling of 30 <b>second year students</b> will score a combined average of 80% or higher during their final semester of Clinic. (3-point scale)</p>	<p><b>December of:</b> 2012: 93% 2013: 93% 2014: 94% 2015: 93%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>
<p><b>Students will utilize proper radiation protection techniques.</b></p>	<p>Average of the responses to question B.3 from the Final Clinical Evaluation for RTE 1814L Clinic II (<b>end of first year</b>)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b> 2011: 98% 2012: 93% 2013: 88% 2014: 93% 2015: 86%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>
	<p>Average of the responses to question B.3 from the Final Clinical Evaluation for RTE 2844L Clinic V (<b>end of second year</b>)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b> 2012: 90% 2013: 80% 2014: 91% 2015: 89%</p>	<p>There was a drastic decline for this measure. Even though it is above our benchmark, we will develop an action plan with our clinical instructors to help increase our results for the Class of 2014.</p>

**Goal #2:** Students will develop critical thinking and problem-solving skills.

STUDENT LEARNING OUTCOME	MEASUREMENT TOOL	BENCHMARK	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
<p><b>Students will be able to accurately evaluate radiographic images for diagnostic quality.</b></p>	<p>Average of the responses to question 3 of the Competency Evaluation Form</p>	<p>A random sampling of 30 <b>first year students</b> will score a combined average of 80% or higher during their second semester of Clinic. (3-point scale)</p>	<p><b>December of:</b> 2012: 93% 2013: 90% 2014: 91% 2015: 90%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>
	<p>Average of the responses to question 3 of the Competency Evaluation Form</p>	<p>A random sampling of 30 <b>second year students</b> will score a combined average of 80% or higher during their final semester of Clinic. (3-point scale)</p>	<p><b>December of:</b> 2012: 97% 2013: 93% 2014: 91% 2015: 91%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>
<p><b>Students will employ appropriate problem-solving and critical thinking strategies when working with non-ideal patients.</b></p>	<p>Average of the responses to question A.3 from the Final Clinical Evaluation for RTE 1814L Clinic II (<b>end of first year</b>)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b> 2011: 92% 2012: 80% 2013: 80% 2014: 82% 2015: 81%</p>	<p>An action plan has been implanted in Procedures I &amp; II that is designed to help improve out student's understanding of trauma radiography. We will closely monitor the efficacy of this new strategy.</p>
	<p>Average of the responses to question A.3 from the Final Clinical Evaluation for RTE 2844L Clinic V (<b>end of second year</b>)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b> 2011: 83% 2012: 81% 2013: 85% 2014: 88% 2015: 86%</p>	<p>There was another decrease in this category for 2012. The program staff will discuss strategies to help prevent any further decline.</p>

**Goal #3: Students will communicate effectively.**

STUDENT LEARNING OUTCOME	MEASUREMENT TOOL	BENCHMARK	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
<p><b>Students will use appropriate oral communication skills in the healthcare setting.</b></p>	<p>Average of the responses to question C.5 from the Final Clinical Evaluation for RTE 1814L Clinic II <b>(end of first year)</b></p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b></p> <p>2011: 88%</p> <p>2012: 91%</p> <p>2013: 90%</p> <p>2014: 93%</p> <p>2015: 89%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>
	<p>Average of the responses to question C.5 from the Final Clinical Evaluation for RTE 2844L Clinic V <b>(end of second year)</b></p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b></p> <p>2011: 96%</p> <p>2012: 89%</p> <p>2013: 92%</p> <p>2014: 94%</p> <p>2015: 93%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>
<p><b>Students will demonstrate appropriate written communication skills.</b></p>	<p>RTE 1473L Radiographic Quality Assurance Lab</p>	<p>Each cohort of students will score a combined average of 8 points or higher on their grid cutoff experiment. (10 point scale)</p>	<p><b>Class of:</b></p> <p>2012: 95%</p> <p>2013: 95%</p> <p>2014: 95%</p> <p>2015: 98%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>
	<p>RTE 2782 Radiographic Pathology PowerPoint Project</p>	<p>Each cohort of students will score a combined average of 40 points or higher. (50 point scale)</p>	<p><b>Class of:</b></p> <p>2011: 93%</p> <p>2012: 92%</p> <p>2013: 93%</p> <p>2014: 95%</p> <p>2015: 95%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>

**Goal #4:** Students will model professional behavior.

STUDENT LEARNING OUTCOME	MEASUREMENT TOOL	BENCHMARK	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
<p><b>Students will conduct themselves in a professional manner during their clinical rotations.</b></p>	<p>Average of the responses to C.4 from the Final Clinical Evaluation for RTE 1814L Clinic II <b>(end of first year)</b></p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b>                      2012: 99%                      2013: 93%                      2014: 97%                      2015: 95%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>
	<p>Average of the responses to category C.4 from the Final Clinical Evaluation for RTE 2844L Clinic V <b>(end of second year)</b></p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b>                      2012: 96%                      2013: 95%                      2014: 95%                      2015: 99%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>
<p><b>Students will make sound ethical decisions.</b></p>	<p>Average of the responses to category C.8 from the Final Clinical Evaluation for RTE 1814L Clinic II <b>(end of first year)</b></p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b>                      2012: 99%                      2013: 93%                      2014: 99%                      2015: 93%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>
	<p>Average of the responses to category C.8 from the Final Clinical Evaluation for RTE 2844L Clinic V <b>(end of second year)</b></p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b>                      2012: 96%                      2013: 92%                      2014: 99%                      2015: 94%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>

# Program Effectiveness for the Class of 2015:

PROGRAM OUTCOME	MEASUREMENT TOOL	BENCHMARK	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
The program will retain students.	Program Completion Rate	The program will retain at least 75% of each cohort of students.	<p><b>Class of:</b></p> <p>2011: 17/23 = 74%</p> <p>2012: 18/22 = 82%</p> <p>2013: 15/19 = 79%</p> <p>2014: 16/19 = 84%</p> <p>2015: 13/20 = 65%</p> <p><b>5 Year Mean: 79/102 = 78%</b></p>	The drop in 2015 resulted in the implementation of two action plans designed to improve retention. These plans played a role in the program's improved retention for the class of 2016.
Program graduates will pass the ARRT on their first attempt.	ARRT Test Results	75% of each cohort will pass the ARRT on their first attempt.	<p><b>Class of:</b></p> <p>2011: 17/17 = 100%</p> <p>2012: 18/18 = 100%</p> <p>2013: 15/15 = 100%</p> <p>2014: 15/16 = 93.8%</p> <p>2015: 13 /13 = 100%</p> <p><b>5 Year Mean: 78/79 = 99%</b></p>	There will be no action at this time but we will continue to closely monitor the results.
<p>Program graduates will acquire gainful employment in the field within 12 months post-graduation.</p> <p><b>Note, this standard has changed to within one year of graduation for the class of 2014.</b></p>	Graduate Surveys	75% of each cohort will find employment within the field within 6 months of matriculating into the workforce.	<p><b>Class of:</b></p> <p>2011: 17/17 = 100%</p> <p>2012: 17/18 = 94%</p> <p>2013: 14/15 = 93%</p> <p>2014: 15/16 = 94%</p> <p>2015: 13/13 = 100%</p> <p><b>5 Year Mean: 76/79 = 96%</b></p>	Our graduates continue to struggle finding gainful employment upon matriculating into the workforce. However, the program has developed a very tight network for job placement that has proven to be very successful at placing graduates.

PROGRAM OUTCOME	MEASUREMENT TOOL	BENCHMARK	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
Program graduates will indicate that the program provided the means for them to acquire the clinical skills of an entry-level radiographer.	Average of the responses to question 2.a of the Graduate Survey	Average score of 80% or higher (5-point scale)	<b>Class of:</b> 2011: 91% 2012: 98% 2013: 99% 2014: 100% 2015: 100%	There will be no action at this time but we will continue to closely monitor the results.
Graduates will indicate that the program built a foundation for life-long learning that lead to a rewarding career within the profession.	Average of the responses to question 13 of the Graduate Survey	15% of graduates will continue their formal education.	<b>Class of:</b> 2013: 27% 2014: 25% 2015: 15%	This is a relatively new measurement tool so we will closely monitor the results to ensure validity.
	Average of the responses to question 64 of the Graduate Survey	10% of graduates will enter an advanced modality within the profession.	<b>Class of:</b> 2013: 15% 2014: 20% 2015: 31%	This is a relatively new measurement tool so we will closely monitor the results to ensure validity.
Employers will be satisfied with the graduate's overall clinical proficiency.	Average of the responses to question 2.d of the Employer Survey	Average score of 80% or higher (5-point scale)	<b>Class of:</b> 2011: 91% 2012: 98% 2013: 90% 2014: 95% 2015: 90%	There will be no action at this time but we will continue to closely monitor the results.

**\*The JRCERT defines the program completion rate as the number of students who complete the program within 150% of the stated program length. The official entry point for the program will be final date that the student may drop and receive a 100% tuition refund. This is traditionally the start of the second week of classes.**