

**St. Petersburg College  
Radiography Program**

**2012 Assessment Results for Student Learning Outcomes & Program Effectiveness**

**Mission Statement:** 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).

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

STUDENT LEARNING OUTCOME	MEASUREMENT TOOL	BENCHMARK	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
<p><b>Students will employ proper radiographic positioning techniques.</b></p>	<p>Average of the responses to question B.4 from the Final Clinical Evaluation for RTE 1814L Clinic II (end of first year)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b> 2008: 86% 2009: 94% 2010: 92% 2011: 91% 2012: 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 B.4 from the Final Clinical Evaluation for RTE 2844L Clinic V (end of second year)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b> 2008: 86% 2009: 93% 2010: 94% 2011: 92% 2012: 89%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>

**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 10 <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%</p>	<p>This is a new measurement tool so we will closely monitor the results to ensure validity.</p>
	<p>Average of the responses to question 3 of the Competency Evaluation Form</p>	<p>A random sampling of 10 <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%</p>	<p>This is a new measurement tool so we will closely monitor the results to ensure validity.</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 (end of first year)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b>  2008: 93% 2009: 89% 2010: 94% 2011: 98% 2012: 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 question B.3 from the Final Clinical Evaluation for RTE 2844L Clinic V (end of second year)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b>  2012: 90%</p>	<p>This is a new measurement tool so we will closely monitor the results to ensure validity.</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 10 <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%</p>	<p>This is a new measurement tool so we will closely monitor the results to ensure validity.</p>
	<p>Average of the responses to question 3 of the Competency Evaluation Form</p>	<p>A random sampling of 10 <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%</p>	<p>This is a new measurement tool so we will closely monitor the results to ensure validity.</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 (end of first year)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b> 2008: 81% 2009: 87% 2010: 84% 2011: 92% 2012: 80%</p>	<p>There was a dramatic drop in this category for 2012. The program staff will discuss strategies to help prevent any further decline.</p>
	<p>Average of the responses to question A.3 from the Final Clinical Evaluation for RTE 2844L Clinic V (end of second year)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b> 2008: 84% 2009: 86% 2010: 87% 2011: 83% 2012: 81%</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 (end of first year)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b>            2008: 92%            2009: 93%            2010: 86%            2011: 88%            2012: 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 C.5 from the Final Clinical Evaluation for RTE 2844L Clinic V (end of second year)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b>            2008: 93%            2009: 94%            2010: 96%            2011: 96%            2012: 89%</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>A random sampling of 6 student lab reports will score a combined average of 8 points or higher. (10 point scale)</p>	<p><b>Class of:</b>            2012: 95%</p>	<p>This is a new measurement tool so we will closely monitor the results to ensure validity.</p>
	<p>RTE 2782 Radiographic Pathology PowerPoint Project</p>	<p>A random sampling of 6 students will score a combined average of 40 points or higher. (50 point scale)</p>	<p><b>Class of:</b>            2008: 95%            2009: 94%            2010: 98%            2011: 93%            2012: 92%</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 (end of first year)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b> 2012: 99%</p>	<p>This is a new measurement tool so we will closely monitor the results to ensure validity.</p>
	<p>Average of the responses to category C.4 from the Final Clinical Evaluation for RTE 2844L Clinic V (end of second year)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b> 2012: 96%</p>	<p>This is a new measurement tool so we will closely monitor the results to ensure validity.</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 (end of first year)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b> 2012: 99%</p>	<p>This is a new measurement tool so we will closely monitor the results to ensure validity.</p>
	<p>Average of the responses to category C.8 from the Final Clinical Evaluation for RTE 2844L Clinic V (end of second year)</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>December of:</b> 2012: 96%</p>	<p>This is a new measurement tool so we will closely monitor the results to ensure validity.</p>

## Program Effectiveness for the Class of 2012:

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>2008: 19/23 = 83%</p> <p>2009: 21/23 = 91%</p> <p>2010: 18/22 = 82%</p> <p>2011: 17/23 = 74%</p> <p>2012: 18/22 = 82%</p> <p><b>5 Year Mean: 93/113 = 82%</b></p>	There will be no action at this time but we will continue to closely monitor the results.
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>2008: 18/19 = 95%</p> <p>2009: 19/21 = 91%</p> <p>2010: 18/18 = 100%</p> <p>2011: 17/17 = 100%</p> <p>2012: 18/18 = 100%</p> <p><b>5 Year Mean: 90/93 = 97%</b></p>	A new instructor began teaching our registry review course in 2010 and this continues to have a positive effect our ARRT test results.
Program graduates will acquire gainful employment in the field within 6 months post graduation.	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>2008: 18/19 = 95%</p> <p>2009: 19/19 = 100%</p> <p>2010: 18/18 = 100%</p> <p>2011: 17/17 = 100%</p> <p>2012: 17/18 = 94%</p> <p><b>5 Year Mean: 89/91 = 98%</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.

<p>Program graduates will indicate that the program provided the means for them to acquire the clinical skills of an entry-level radiographer.</p>	<p>Average of the responses to question 2.a of the Graduate Survey</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>Class of:</b></p> <p>2008: 100%  2009: 98%  2010: 97%  2011: 91%  2012: 98%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>
<p>Employers will be satisfied with the graduate's overall clinical proficiency.</p>	<p>Average of the responses to question 2.d of the Graduate Survey</p>	<p>Average score of 80% or higher (5-point scale)</p>	<p><b>Class of:</b></p> <p>2008: 94%  2009: 95%  2010: 98%  2011: 91%  2012: 98%</p>	<p>There will be no action at this time but we will continue to closely monitor the results.</p>