

# St. Petersburg College

## Radiography Program Assessment Results for 2011

**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:** The program will meet or exceed industry standards for student retention, national examination pass rates and graduate employment.

OUTCOME	MEASUREMENT TOOL	Benchmark	TIME FRAME	RESPONSIBLE PARTY	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.	Annually (Prior to Graduation)	Program Director	<b>Class of:</b> 2007: 17/23 = 74% 2008: 19/23 = 83% 2009: 21/23 = 91% 2010: 18/22 = 82% 2011: 17/23 = 74%  <b>5 Year Mean: 92/114 = 81%</b>	As noted in program meeting minutes, we added a program tutor in January of 2011 and noted an increase in program retention. The tutor's salary is paid out of the Perkins Grant.
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.	Data Gathered up to 6 Months Post Graduation	Program Director	<b>Class of:</b> 2007: 15/17 = 88% 2008: 18/19 = 95% 2009: 19/21 = 91% 2010: 18/18 = 100% 2011: 17/17 = 100%  <b>5 Year Mean: 87/92 = 95%</b>	A new instructor began teaching our registry review course in 2010 and this has had a positive effect our ARRT test results.
Program graduates will acquire gainful employment within the field.	Graduate Surveys	75% of each cohort will find employment within the field within 6 months of matriculating into the workforce.	Data Gathered up to 6 Months Post Graduation	Program Director	<b>Class of:</b> 2007: 17/17 = 100% 2008: 18/19 = 95% 2009: 19/21 = 100% 2010: 18/18 = 100% 2011: 17/17 = 100%  <b>5 Year Mean: 91/92 = 99%</b>	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.

**Goal #1 Continued:** The program will meet or exceed industry standards for student retention, national examination pass rates and graduate employment.

OUTCOME	MEASUREMENT TOOL	BENCHMARK	TIME FRAME	RESPONSIBLE PARTY	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)	Data Gathered up to 6 Months Post Graduation	Program Director	<b>Class of:</b> 2007: 100% 2008: 100% 2009: 98% 2010: 97% 2011: 91%	There will be no action at this time but we will continue to closely monitor the results.
Employers will be satisfied with the graduate's overall clinical proficiency.	Average of the responses to question 2.d of the Graduate Survey	Average score of 80% or higher (5-point scale)	Data Gathered up to 6 Months Post Graduation	Program Director	<b>Class of:</b> 2007: 88% 2008: 94% 2009: 95% 2010: 98% 2011: 91%	There will be no action at this time but we will continue to closely monitor the results.

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**Goal #2:** Students will develop an understanding of the role that proper communication skills play in the healthcare setting.

OUTCOME	MEASUREMENT TOOL	BENCHMARK	TIME FRAME	RESPONSIBLE PARTY	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
First year students will be able to clearly explain radiographic procedures to the patient.	Average of the responses to question C.5 of the Final First Year Student Clinical Evaluation (RTE 1814L Clinic II)	Average score of 80% or higher (5-point scale)	Annually (Prior to Matriculation into the Second Year of the Program)	Clinical Coordinator	<b>December of:</b> 2007: 96% 2008: 92% 2009: 93% 2010: 86% 2011: 88%	There will be no action at this time but we will continue to closely monitor the results.
Second year students will be able to clearly explain radiographic procedures to the patient.	Average of the responses to question C.5 of the Final Second Year Student Clinical Evaluation (RTE 2844L Clinic V)	Average score of 80% or higher (5-point scale)	Annually (Prior to Graduation)	Clinical Coordinator	<b>December of:</b> 2007: 95% 2008: 93% 2009: 94% 2010: 96% 2011: 96%	There will be no action at this time but we will continue to closely monitor the results.

**Goal #2 Continued:** Students will develop an understanding of the role that proper communication skills play in the healthcare setting.

OUTCOME	MEASUREMENT TOOL	BENCHMARK	TIME FRAME	RESPONSIBLE PARTY	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
Second year students will be able to use their writing skills to communicate effectively.	RTE 2782 Radiographic Pathology PowerPoint Project	A random sampling of 3 students will score a combined average of 40 points or higher. (50-point scale)	Data Gathered During the Second Year of Studies	RTE 2782 Radiographic Pathology Faculty Member	<b>Class of:</b> 2007: No Data 2008: 95% 2009: 94% 2010: 98% 2011: 93%	There will be no action at this time but we will continue to closely monitor the results.
Employers will be satisfied with the graduate's ability to clearly explain radiographic procedures to the patient.	Average of the responses to question 3.e of the Employer Survey	Average score of 80% or higher (5-point scale)	Data Gathered up to 6 Months Post Graduation	Program Director	<b>Class of:</b> 2007: 94% 2008: 97% 2009: 94% 2010: 100% 2011: 93%	There will be no action at this time but we will continue to closely monitor the results.

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**Goal #3:** Students will develop the knowledge base required of an entry-level radiographer.

OUTCOME	MEASUREMENT TOOL	BENCHMARK	TIME FRAME	RESPONSIBLE PARTY	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
First year students will possess the general radiography knowledge required for matriculation into the second year of studies.	Average of the responses to question A.1 of the Final First Year Student Clinical Evaluation (RTE 1814L Clinic II)	Average score of 80% or higher (5-point scale)	Annually (Prior to Matriculation into the Second Year of the Program)	Clinical Coordinator	<b>December of:</b> 2007: 94% 2008: 84% 2009: 91% 2010: 88% 2011: 91%	There will be no action at this time but we will continue to closely monitor the results.
Second year students will possess the general radiography knowledge required for matriculation into the workforce.	Average of the responses to question A.1 of the Final Second Year Student Clinical Evaluation (RTE 2844L Clinic V)	Average score of 80% or higher (5-point scale)	Annually (Prior to Graduation)	Clinical Coordinator	<b>December of:</b> 2007: 97% 2008: 84% 2009: 89% 2010: 94% 2011: 88%	There will be no action at this time but we will continue to closely monitor the results.
Employers will be satisfied with the graduate's general radiography knowledge.	Average of the responses to question 1.a of the Employer Survey	Average score of 80% or higher (5-point scale)	Data Gathered up to 6 Months Post Graduation	Program Director	<b>Class of:</b> 2007: 92% 2008: 94% 2009: 97% 2010: 100% 2011: 91%	There will be no action at this time but we will continue to closely monitor the results.

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**Goal #4:** Students will develop the psychomotor skills required of an entry-level radiographer.

OUTCOME	MEASUREMENT TOOL	BENCHMARK	TIME FRAME	RESPONSIBLE PARTY	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
First year students will employ appropriate patient care techniques.	Average of the responses to question B.1 of the Final First Year Student Clinical Evaluation (RTE 1814L Clinic II)	Average score of 80% or higher (5-point scale)	Annually (Prior to Matriculation into the Second Year of the Program)	Clinical Coordinator	<b>December of:</b> 2007: 97% 2008: 93% 2009: 94% 2010: 92% 2011: 92%	There will be no action at this time but we will continue to closely monitor the results.
First year students will employ appropriate radiation safety techniques.	Average of the responses to question B.3 of the Final First Year Student Clinical Evaluation (RTE 1814L Clinic II)	Average score of 80% or higher (5-point scale)	Annually (Prior to Matriculation into the Second Year of the Program)	Clinical Coordinator	<b>December of:</b> 2007: 96% 2008: 93% 2009: 89% 2010: 94% 2011: 98%	There will be no action at this time but we will continue to closely monitor the results.
First year students will possess the positioning skills required for matriculation into the second year of studies.	Average of the responses to question B.4 of the Final First Year Student Clinical Evaluation (RTE 1814L Clinic II)	Average score of 80% or higher (5-point scale)	Annually (Prior to Matriculation into the Second Year of the Program)	Clinical Coordinator	<b>December of:</b> 2007: 95% 2008: 86% 2009: 94% 2010: 92% 2011: 91%	There will be no action at this time but we will continue to closely monitor the results.

**Goal #4 Continued:** Students will develop the psychomotor skills required of an entry-level radiographer.

OUTCOME	MEASUREMENT TOOL	BENCHMARK	TIME FRAME	RESPONSIBLE PARTY	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
Second year students will employ appropriate infection control techniques.	Average of the responses to question B.2 of the Final Second Year Student Clinical Evaluation (RTE 2844L Clinic V)	Average score of 80% or higher (5-point scale)	Annually (Prior to Graduation)	Clinical Coordinator	<b>December of:</b> 2007: 97% 2008: 89% 2009: 89% 2010: 98% 2011: 100%	There will be no action at this time but we will continue to closely monitor the results.
Second year students will possess the critical thinking skills required for matriculation into the workforce.	Average of the responses to question A.3 of the Final Second Year Student Clinical Evaluation (RTE 2844L Clinic V)	Average score of 80% or higher (5-point scale)	Annually (Prior to Graduation)	Clinical Coordinator	<b>December of:</b> 2007: 91% 2008: 81% 2009: 86% 2010: 87% 2011: 83%	There was a decrease in this category for 2011. The 2012 data will be closely evaluated to determine if the pattern continues.
Second year students will possess the positioning skills required for matriculation into the workforce.	Average of the responses to question B.4 of the Final Second Year Student Clinical Evaluation (RTE 2844L Clinic V)	Average score of 80% or higher (5-point scale)	Annually (Prior to Graduation)	Clinical Coordinator	<b>December of:</b> 2007: 95% 2008: 86% 2009: 93% 2010: 94% 2011: 92%	There will be no action at this time but we will continue to closely monitor the results.

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**Goal #5:** Students will develop the critical thinking and problem-solving skills required of an entry-level radiographer.

OUTCOME	MEASUREMENT TOOL	BENCHMARK	TIME FRAME	RESPONSIBLE PARTY	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
First year students will be able to accurately evaluate radiographic images for diagnostic quality.	Average of the responses to question 8 of the Competency Evaluation Form	A random sampling of 10 students will score a combined average of 80% or higher. (3-point scale)	Annually (Prior to Matriculation into the Second Year of the Program)	Clinical Coordinator	<b>Class of:</b> 2007: No Data 2008: No Data 2009: 87% 2010: 91% 2011: 90%	Since this is a relatively new assessment method, we will carefully evaluate the results to ensure that this tool will effectively measure this outcome.
First year students will employ appropriate problem-solving and critical thinking strategies when working with non-ideal patients.	Average of the responses to question A.3 of the Final First Year Student Clinical Evaluation (RTE 1814L Clinic II).	Average score of 80% or higher (5-point scale)	Annually (Prior to Matriculation into the Second Year of the Program)	Clinical Coordinator	<b>December of:</b> 2007: 91% 2008: 81% 2009: 87% 2010: 84% 2011: 92%	There will be no action at this time but we will continue to closely monitor the results.



**Goal #5 Continued:** Students will develop the critical thinking and problem-solving skills required of an entry-level radiographer.

OUTCOME	MEASUREMENT TOOL	BENCHMARK	TIME FRAME	RESPONSIBLE PARTY	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
Second year students will be able to accurately evaluate radiographic images for diagnostic quality.	Average of the responses to question 8 of the Competency Evaluation Form	A random sampling of 10 students will score a combined average of 80% or higher. (3-point scale)	Annually (Prior to Graduation)	Clinical Coordinator	<b>Class of:</b> 2007: No Data 2008: No Data 2009: 90% 2010: 92% 2011: 91%	Since this is a relatively new assessment method, we will carefully evaluate the results to ensure that this tool will effectively measure this outcome.
Second year students will employ appropriate problem-solving and critical thinking strategies when working with non-ideal patients.	Average of the responses to question A.3 of the Final Second Year Student Clinical Evaluation (RTE 2844L Clinic V)	Average score of 80% or higher (5-point scale)	Annually (Prior to Graduation)	Clinical Coordinator	<b>December of:</b> 2007: 92% 2008: 84% 2009: 86% 2010: 87% 2011: 83%	There was a decrease in this category for 2011. The 2012 data will be closely evaluated to determine if the pattern continues.
Employers will be satisfied with the graduate's ability to employ appropriate problem-solving and critical thinking strategies when working with non-ideal patients.	Average of the responses to question 1.d of the Employer Survey	Average score of 80% or higher (5-point scale)	Data Gathered up to 6 Months Post Graduation	Program Director	<b>Class of:</b> 2007: 94% 2008: 88% 2009: 92% 2010: 95% 2011: 91%	There will be no action at this time but we will continue to closely monitor the results.

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**Goal #6:** The program will promote professional growth within the field and encourage life long learning experiences.

OUTCOME	MEASUREMENT TOOL	BENCHMARK	TIME FRAME	RESPONSIBLE PARTY	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
First year students will exhibit professional behavior in the clinical setting.	Average of all responses to category C of the Final First Year Student Clinical Evaluation (RTE 1814L Clinic II)	Average score of 80% or higher (5-point scale)	Annually (Prior to Matriculation into the Second Year of the Program)	Clinical Coordinator	<b>December of:</b> 2007: 96% 2008: 93% 2009: 94% 2010: 91% 2011: 96%	There will be no action at this time but we will continue to closely monitor the results.
Second year students will exhibit professional behavior in the clinical setting.	Average of all responses to category C of the Final Second Year Student Clinical Evaluation (RTE 2844L Clinic V)	Average score of 80% or higher (5-point scale)	Annually (Prior to Graduation)	Clinical Coordinator	<b>December of:</b> 2007: 94% 2008: 90% 2009: 95% 2010: 96% 2011: 96%	There will be no action at this time but we will continue to closely monitor the results.
Graduates will confirm that professionalism was emphasized as they progressed through the program.	Average of all responses to category C of the Graduate Survey	Average score of 80% or higher (5-point scale)	Data Gathered up to 6 Months Post Graduation	Program Director	<b>Class of:</b> 2007: 96% 2008: 97% 2009: 97% 2010: 97% 2011: 94%	There will be no action at this time but we will continue to closely monitor the results.

**Goal #6 Continued:** The program will promote professional growth within the field and encourage life long learning experiences.

OUTCOME	MEASUREMENT TOOL	BENCHMARK	TIME FRAME	RESPONSIBLE PARTY	ACTUAL OUTCOME	ANALYSIS/ACTION PLAN
Employers will be satisfied with the graduate's professional behavior.	Average of all responses to category C of the Employer Survey	Average score of 80% or higher (5-point scale)	Data Gathered up to 6 Months Post Graduation	Program Director	<b>Class of:</b> 2007: 92% 2008: 93% 2009: 95% 2010: 100% 2011: 93%	There will be no action at this time but we will continue to closely monitor the results.
Each cohort of students will participate in at least one extracurricular professional growth and/or learning activity.	Record of Attendance	80% Class Participation	Biannual	Program Director	<b>Class of:</b> 2007: 17/17 = 100% 2008: 19/19 = 100% 2009: 21/21 = 100% 2010: 18/18 = 100% 2011: 17/17 = 100%	There will be no action at this time but we will continue to closely monitor the results.
	Submission of a Written Synopsis of the Learning Experience	95% of Attendees will Complete this Requirement on a Pass/Fail Basis	Biannual	Program Director	<b>Class of:</b> 2007: No Data 2008: No Data 2009: No Data 2010: 100% 2011: 100%	This is a new assessment tool and it will be implemented for the Class of 2010.