

Radiography Program Assessment Plan – Fall 2015

Goal # 1

Students will demonstrate entry-level competency for employment in the profession.

Outcome	Tools	Benchmark	Time Frame	Responsible Person(s)	Result	Action
1. Students will properly position patients for routine radiographic procedures.	1. Clinical Competency Grade Sheet	1. On a scale of 0, 0.5, or 1.0, students will score 0.5 or higher on the item #9 (positioning).	Annually-May	RADR 1261 1 st year clinical Instructor	RADR 1261 = 100% of the sample (14) scored 0.5 or higher in the area of positioning.	Met. The Assessment Committee recommends changing the scale on the clinical competency grade sheet. The scale needs to be greater. ie. 1.0-5.0
	2. Terminal Competency Grade Sheet	2. On a scale of 0, 0.5, or 1.0, students will score 0.5 or higher on the item #9 (positioning).	Annually-May	RADR 2367 2 nd year clinical Instructor	RADR 2367 = 100% of the sample (14) scored 0.5 or higher in the area of positioning.	Met. This form will have to be revised to include the new scale too.
2. Students will select appropriate technical factors.	1. Clinical Competency Grade Sheet	1. On a scale of 0, 0.5, or 1.0, students will score 0.5 or higher on item #12 (proper exposure factors).	Annually – May	RADR1261 1 st year clinical Instructor	RADR 1261 = 100% of the sample (14) scored 0.5 or higher in the area of proper exposure factors.	Met. Revise form to reflect a greater range in scale.
	2. Terminal Competency Grade Sheet	2. On a scale of 0, 0.5, or 1.0, students will score 0.5 or higher on the item #12 (proper exposure factors).	Annually – May	RADR 2367 2 nd year clinical Instructor	RADR 2367 = 100% of the sample (14) scored 0.5 or higher in the area of proper exposure factors.	Met Revise form to reflect a greater range in scale.

Outcome	Tools	Benchmark	Time Frame	Responsible Person(s)	Result	Action
3. Students will employ safe radiation safety practices.	1. Clinical Competency Grade Sheet	1. On a scale of 0, 0.5, or 1.0, students will score 0.5 or higher on item #6 (Receptor) and item #11 (Rad. Protection).	Annually – May	RADR 1261 Instructor	RADR 1261 = 100% of the sample (14) scored 0.5 or higher on item #6 (Receptor) and item #11 (Rad. Protection).	Met. Again, revise form to reflect a greater range in scale.
	2. Terminal Competency Grade Sheet	2. On a scale of 0, 0.5, or 1.0, students will score 0.5 or higher on items # 6 (Receptor), # 11 (Rad. Protection), and #14 (collimation).	Annually – May	RADR 2367 Instructor	RADR 2367 = 100% of the sample (14) scored 0.5 or higher on items #6 (Receptor), #11 (Rad. Protection), and #14 (Collimation).	Met. Revise scale on form.

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Goal #2

Students will recognize the importance of professionalism and ethical behavior.

Outcome	Tools	Benchmark	Time Frame	Responsible Person(s)	Result	Action
1. Students will conduct themselves in a professional manner.	1. Clinical Competency Grade Sheet	1. On a scale of 0, .5, or 1.0, students will score 0.5 or higher on item # 3 (Professionalism)	Annually – May	RADR 1261 Instructor	RADR 1261 = 100% of the sample (14) scored 0.5 or higher on item #3 (Professionalism).	Met. Revise form to reflect a greater range scale.
	2. Student Clinical Progress Report	2. On a scale of 1, 2, 3, or 4, students will score a 2 or higher in the area of professionalism.	Annually- May	RADR 1261 Instructor	RADR 1261 = 100% of the sample (14) scored 2.0 or higher in the area of professionalism.	Met. Increase student expected score to 3 or higher in the area of professionalism.
	3. Clinical Instructor Evaluation	On a scale of 0, .5, or 1.0, students will score 0.5 or higher in the area of professionalism (#3)	Annually- May	RADR 2367 Instructor	RADR 2367 = 100% of the sample (14) scored 0.5 or higher in the area of professionalism.	Met. Revise form to reflect a greater range in scale.
Outcome	Tools	Benchmark	Time Frame	Responsible Person(s)	Result	Action
2. Students will demonstrate cooperative behavior.	1. Clinical Instructor Evaluation	1. Students will score 0.5 or higher in the area of cooperation (#4).	Annually- Dec.	RADR 1260 1 st year instructor & RADR 2366 2 nd year instructor	RADR 1260= 100% of the sample (14) scored 0.5 or higher on item #4 (cooperation). RADR 2366 = 100% of the sample (14) scored 0.5 or higher on item #4 (cooperation).	Met. Revise scoring scale to reflect a greater range.
	2. Student Clinical Progress Report	1. On a scale of 1, 2, 3, or 4, students will score a 2 or higher in the area of cooperation.	Annually- May	RADR 1261 1 st year instructor & RADR 2367 2 nd year instructor	RADR 1261= 100% of the sample (14) scored 2.0 or higher in the area of cooperation. RADR 2366 = 100% of the sample (14) scored 2.0 or higher in the area of cooperation.	Met. Increase student expected score to 3 or higher.

Goal 2 – Cont.. Professional and Ethical Behavior.						
Outcome	Tools	Benchmark	Time Frame	Responsible Person(s)	Results	Actions
3. Students will be cognizant of the importance of life-long learning.	1. Final Exam – Embedded question # 29.	1. 80% of the students taking the exam will answer the question correctly.	Annually- Dec	RADR 1201 Instructor.	In RADR 1201, 14 of 14 (100%) students correctly answered the embedded test question #29.	Course moved to Summer I and a new tool will be used in 2016.
	2. Student Exit Survey	2. 90% of those students taking the survey will indicate the correct number of CE hours on the form.	Annually- May	RADR 1391 Instructor	In RADR 1391, 14 of 14 (100%) students correctly answered item #14 on the student exit survey.	Will increase benchmark percentage to 100% for the next time course is offered.

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Goal # 3

Students will employ critical thinking and problem solving skills.

Outcome	Tools	Benchmark	Time Frame	Responsible Person(s)	Result	Action
1. Students will critique radiographic images.	1. Film Critique Exams	1. The final average for the film critique exams in RADR 1411 & 2401 will be 80% or higher.	Biannually- Dec/May	RADR 1411- Procedure instructor 1 st semester & RADR 2401- Procedures instructor 2 nd semester	The final film critique average for RADR 1411 (81) and RADR 2401(82) combined was 82% .	Met. Increased by 2% will continue to monitor this area.
	2. Terminal Competency Grade Sheet	1. On a scale of 0, 0.5, or 1.0, students will score 0.5 or higher on item # 15 Image Evaluation.	Annually- Dec.	RADR 2366 2 nd year instructor	RADR 2366 = 100% of the sample (14) scored 0.5 or higher on item #15 Image Evaluation.	Met. Ongoing.
2. Students will modify routine procedures to meet the needs of the patient.	1. Trauma lab practical evaluation form.	1. The average score on the trauma lab practical will be <u>90% or higher</u>	Annually – Dec	RADR 2366 2 nd year instructor	The average score on the RADR 2366 trauma lab practical was <u>95%</u> . (14 students).	Met. Will increase benchmark to 90%. This year there was a decrease of 2% in the average scoring on the trauma lab. Will continue to monitor this area. Form will be revised to reflect a greater range in scale.
	2. Student Clinical Progress Report	2. On a scale of 1, 2, 3, or 4, students will score a 2 or higher in the area of Adaptability	Annually- May	RADR 2367 2 nd year instructor	RADR 2367 = 100% of the sample (14) scored 2 or higher in the area of Adaptability.	Met. Increase expected score to 3.0 or higher.

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Goal # 4

Students will demonstrate the ability to communicate effectively.

Outcome	Tools	Benchmark	Time Frame	Responsible Person(s)	Result	Action
1. Students will explain radiographic procedures to patients.	1. Clinical Competency Grade Sheet	1. On a scale of 0, 0.5, or 1.0, students will score 0.5 or higher on item # 2 Interaction.	Annually-July	RADR 1360 1 st year instructor	RADR 1360 = 100% of the sample (14) scored 0.5 or higher in the area of Interaction.	Met. Revise form to reflect an increase in the scale.
	2. Clinical Instructor Evaluation	1. On a scale of 0, 0.5, or 1.0, students will score 0.5 or higher on item # 11 Interaction.	Annually-Dec.	RADR 2366 2 nd year instructor	RADR 2366 = 100% of the sample (14) scored 0.5 or higher in the area of interaction.	Met. Revise form to reflect a greater range in scale.
2. Students will give clear instructions to patients.	1. Student Clinical Progress Report	1. On a scale of 1, 2, 3, or 4, students will score a 2 or higher in the area of Patient/Radiographer Interaction.	Annually-July	RADR 1360 1 st year instructor	RADR 1360 = 100% of the sample (14) scored 2.0 or higher in the area of Patient/Radiographer interaction.	Met. Increase student expected score to 3 or higher.
	2. Clinical Competency Grade Sheet.	2. On a scale of 0, 0.5, or 1.0, students will score 0.5 or higher on item # 2 Interaction.	Annually-Dec.	RADR 2366 2 nd year instructor	RADR 2366 = 100% of the sample (14) scored 0.5 or higher in the area of Interaction.	Met. Revise form to reflect an increase in the scale range.
3. Students will obtain accurate information regarding patient history.	1. Clinical Competency Grade Sheet	1. On a scale of 0, 0.5, or 1.0, students will score 0.5 or higher on item # 2 Interaction.	Annually –May	RADR 1261 1 st year instructor	RADR 1261 = 100% of the sample (14) scored 0.5 or higher in the area of interaction.	Met. Revise form to reflect an increase in the scale range.
	2. Clinical Instructor Evaluation	2. On a scale of 0, 0.5, or 1.0, students will score 0.5 or higher on item # 11 Interaction.	Annually-May	RADR 2367 2 nd year instructor	RADR 2367 = 100% of the sample (14) scored 0.5 or higher in the area of Interaction.	Met. Ongoing. Revise form to reflect an increase in the scale range.

Radiography Program Effectiveness Goal – Fall 2015

Program Effectiveness Goal:

The program will accomplish its mission by graduating competent radiographers.

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Outcome PSLO	Tools	Benchmark	Time Frame	Responsible Person(s)	Result	Action
1. Graduates will pass the ARRT exam.	1. ARRT exam stats.	1. 90% of graduates will pass the ARRT exam on the first attempt.	Annually- September	Program Coordinator	<p>100% pass rate on first attempt at this time. 3 have not taken the registry. 2 have said they are taking it in October.</p> <p>Five (5) year average=96%. 2011-2015.</p> <p>*Still in progress.</p>	<p>The required review quizzes were taken Fall 2014 by the second year students. They review information from RADR 1313 and RADR 2309 to assist in increasing the pass rate in those areas on the registry.</p> <p>The ARRT results increased by 4% as compared to the Class of 2014 results.</p> <p>Met. Will continue the review quizzes. It helped in the seminar course during the Spring semester.</p> <p>Applied for Carl Perkins funds to update registry review software.</p>
2. Graduates will be employed in the medical imaging field.	1. Graduate survey	<p>1. 80% of the returned surveys will indicate graduates are employed in the field.</p> <p>Those seeking employment in the field with a 5 year average.</p>	6-12 mos. post graduation.	Program Coordinator	<p>*80% of those seeking employment were employed within 1 year.</p> <p>8 out of 10 seeking employment are employed at this time.</p> <p>5 year average = *87 %</p>	In progress. Survey Dec. 2015.

Radiography Program Effectiveness Goal – Fall 2015

Program Effectiveness Goal:

The program will accomplish its mission by graduating competent radiographers.

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Outcome PSLO	Tools	Benchmark	Time Frame	Responsible Person(s)	Result	Action
3. Graduates will be satisfied with their educational experience.	1. Graduate survey section titled - <i>Overall Rating</i> .	1. Returned surveys will indicate in section titled - <i>Overall Rating</i> will indicate a satisfaction rating of 3 or higher.	6-12 mos. post graduation.	Program Coordinator	In progress. Will send out surveys in Nov./Dec. The Coordinator of Institutional Effectiveness and QEP should be able to send the program survey to graduates and employers this year on survey monkey. She was working on SACSCOC last year.	In progress. Nov/Dec 2015.
	2. Student Exit Survey	2. Returned surveys will indicate graduating students are prepared to enter the workforce as entry level technologists.	Annually – April/May	RADR 2335 Course Instructor	100% (14 of 14) of the students surveyed indicated they were prepared to enter the workforces as entry level technologists.	Met. Continue to monitor.
4. Employers will be satisfied with the quality of program graduates.	1. Employer survey Section IV - <i>Overall Rating</i>	Returned surveys will indicate in section IV an overall satisfaction rate of 3 or higher.	6-12 mos. post graduation.	Program Coordinator	In progress. Will send out surveys in Nov./Dec. The Coordinator of Institutional Effectiveness and QEP will send the survey's out on Survey Monkey. She is the only one with an AC paid account.	In progress. Nov/Dec 2015.

<p>5. Students will complete the program within 24 months.</p>	<p>1. Retention Rate</p>	<p>80% of the students initially entering the program will complete it within two years.</p>	<p>Annually - May</p>	<p>Program Coordinator</p>	<p><u>19</u> students were accepted initially and <u>14</u> graduated within 2 years.</p> <p>Annual PCR =74%.</p> <p>5 Year average = 85% 2011-2015</p>	<p>The program completion rate decreased significantly from last year. It decreased by 16%. The retention rate is 74%. The benchmark was not met.</p> <p>1 student died, 2 withdrew due to family and financial issues, and 2 were academic.</p> <p>This is alarming, but 3 of the losses could not be changed by anything we would do.</p> <p>Not met. Ongoing. If this trend continues, we will consider asking to lower the benchmark to 75%.</p> <p>Tutoring was offered to the first year students entering the program Fall 2014. The college paid a second year student to tutor first year students in RADR 2309 and RADR 1313 Fall 2014.</p> <p>Check the chart for student reasons for not completing.</p>
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