



Radiography Program

Assessment / Outcomes

(2015/2016 Academic Year)

- In support of the College’s Mission, the mission of the Radiologic Technology Program is to graduate professional, skilled entry level technologists who meet and strive to exceed the healthcare needs of area facilities. The technologists will be prepared to provide high quality imaging and patient care in the current evolving healthcare environment.

Goal 1: Students / Graduates will demonstrate clinical competence.

Learning Outcome	Evaluation Method	Benchmark	Timeframe	Person Responsible	Results	Action Plan
Students will apply appropriate positioning skills to achieve diagnostic radiographs	Student Clinical Competency Evaluation Form “I” (item #10 second-year students)	85% of the students will achieve a “yes” on the initial competency.	May-Clinical Practicum V	Clinical Instructor	Average= 79%	Low student number enrolled in the program currently. Statistics are skewed. No changes at this time based on this information with the benchmark not met. Continue to monitor for more assessment cycles to identify trends.
	Student Clinical Competency Evaluation Form “I” (item #10 first-year students)	85% of the students will achieve a “yes” on the initial competency.	May-Clinical Practicum II	Clinical Instructor	Average= 69%	Low student number enrolled in the program currently. Statistics are skewed. No changes at this time based on this information with the benchmark not met. Continue to monitor for more assessment cycles to identify trends.
Students will be able to apply knowledge in radiation safety practices.	RTA 203 Radiobiology and Protection Comprehensive Final Exam (second-year students)	Average score of 80% or higher	May- End of Spring Semester	Clinical Coordinator	Average= 80%	No time was allowed for a mid-semester exam, as previously stated in the action plan for the academic year 2014-2015. Benchmark was met for this 2015-2016 academic year. Continue to monitor for more assessment cycles to identify trends.

	Student End of Semester Evaluation Form "F" (items # 37-40 second-year students)	85% of students will be rated as "meets standards" (scale of meets, needs minor improvements and needs major improvements) or higher in regard to student preparedness	May-Clinical Practicum V	Clinical Instructor	Average= 93% Meets Standards- 13 Students Minor Improvements- 1 Student Major Improvements- 0 Students	None Needed
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Goal 2: Students will demonstrate problem solving and critical thinking skills.

Learning Outcome	Evaluation Method	Benchmark	Timeframe	Person Responsible	Results	Action Plan
Students will be able to adapt to new circumstances, difficult cases or unusual situations to produce acceptable diagnostic images.	Student End of Semester Evaluation Form #F (item #22 second-year students)	85% of students will be rated as "meets standards" (scale of meets, needs minor improvements and needs major improvements) or higher in regard to student preparedness	May -Clinical Practicum V	Clinical Instructor	Average= 93% Meets Standards- 13 Students Minor Improvements- 1 Student Major Improvements- 0 Students	None Needed

	Student End of Semester Evaluation Form #F (items Adaptability and Critical Thinking)	85% of students will be rated as a "4 or higher in regard to adapt to new circumstances, difficult cases or unusual situations to produce acceptable diagnostic images.	August-Clinical Practicum III	Clinical Instructor	<p>Average= 100% with Adaptability and Critical Thinking</p> <p>Adaptability: Scored a 5=11 students Scored a 4=2 students Scored a 3=0 students Scored a 2=0 students Scored a 1=0 students Scored a 0=0 students</p> <p>Critical Thinking: Scored a 5=5 students Scored a 4=8 students Scored a 3=0 students Scored a 2=0 students Scored a 1=0 students Scored a 0=0 students</p>	None Needed
Students will be able to adapt positioning and technical factors for trauma patients	Student Clinical Competency Evaluation Form "I" Upper and Lower Trauma Competencies	85% of course completers will satisfactorily (Score 85% or higher) on trauma case	May-Clinical Practicum V	Clinical Instructor	Average= 100%	

	(second-year students)	initial competencies				
	Employer Survey Graduating Class of 2015 (item #14- Critical Thinking/Problem Solving Skills)	85% of graduates will be rated as “meets standards” (scale of exceed, meets and below) or higher	May- Employer 2016 Survey	Program Director	Average= 100% Exceeds Standard- 1 graduate Meets Standards- 3 graduates Below Standards- -0 graduates	
Students/ Graduates will adjust technical factors for varying patient conditions and pathologies.	Employer Survey- Graduating Class of 2015 (item # 15- Film Critique)	95% of graduates will be rated as “meets standards” (scale of exceed, meets and below) or higher in regard to radiographic competency	May- 2016 Employer Survey	Program Director	Average= 100% Exceeds Standard- 1 graduate Meets Standards- 3 graduates Below Standards- 0 graduates	
	Senior Exit Survey- Graduating Class of 2015 (item # 17- Exposure Factors)	95% of graduates will be rated as “meets standards” (scale of exceed, meets	May- 2016 Senior Exit Survey	Program Director	Average= 100% Excellent- 6 Good- 0	

		and below) or higher in regard to radiographic competency			Fair- 0 Poor- 0	
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Goal 3: Students/Graduates will communicate effectively.

Learning Outcome	Evaluation Method	Benchmark	Timeframe	Person Responsible	Results	Action Plan
Students/Graduates will demonstrate appropriate oral communication skills	Student Clinical Competency Evaluation Form "I" (items #2-7 first-year students)	90% students will achieve a "yes" in these categories on initial competencies	May- Clinical Practicum II	Clinical Instructor	Average= 100%	
	Employer Survey- Graduating Class of 2015 (item #6 Patient Interaction)	95% of graduates will be rated as "meets standards" (scale of exceed, meets and below) or higher in regard to radiographic competency	May- 2016 Employer Survey	Program Director	Average= 100% Exceeds Standard- 2 graduates Meets Standards-2 graduates Below Standards- 0 graduates	
Students will demonstrate adequate written & oral presentation skills.	Individual Presentations of Research Project - RTA 202 (Fall/Second-Year Students)	90% of course completers will satisfactorily (Score of 85% or higher) complete a paper including a disease/fracture,	December- End of course project	Course Instructor	Average= 93%	

		symptoms or cause, treatment and imaging modality (s) used for diagnosis.				
	Individual Presentations of Research Project - RTA 204 (Spring/Second-Year Students)	90% of course completers will satisfactorily (Score of 85% or higher) complete a specific pathology or disease process to include an advanced modality outside of MRI or CT	May- End of course project	Course Instructor	Average= 93%	

Goal 4: Students / Graduates will demonstrate an understanding of professionalism.

Learning Outcome	Evaluation Method	Benchmark	Timeframe	Person Responsible	Results	Action Plan
Students/ Graduates will demonstrate professional behavior.	CP 4 Grade Report Evaluation Form: Section Professional Behavior (second-year students)	85% of graduates will achieve 13 out of 15 total points	May- Clinical Practicum IV	Clinical Coordinator	Average= 43% 5- Students achieved a 15 2- Students achieved a 14 0- Students achieved a 13 3- Students achieved a 12	Benchmark was not met with student punctuality in clinic. Topic will be discussed at fall Clinical Instructor Meeting and fall Advisory Board Meeting for an action plan. Continue to monitor each clinical semester to identify trends.

					<p>1- Student achieved a 11</p> <p>0- Student achieved a 10</p> <p>1- Student achieved a 9</p> <p>2—Students achieved a 8</p>	
	CP 2 Grade Report Evaluation Form: Section Continuing Education Credits (first-year students)	90% of course completers will satisfactorily (Achieve 4 out of 4) complete their continuing education credits	May- Clinical Practicum II	Clinical Coordinator	100% achieved 4 out of 4	
	Employer Survey- Graduating Class of 2015(item #18 Professionalism Initiative)	95% of graduates will be rated as “meets standards” (scale of exceed, meets and below)	May- 2016 Employer Survey	Program Director	<p>Average= 100%</p> <p>Exceeds Standard- 2 graduates</p> <p>Meets Standards- 2 graduates</p> <p>Below Standards- 0 graduates</p>	
Students will be able to apply	RTA 191 Clinical Practicum I Diversity Quiz	85% of students will achieve a 85%	September	Clinical Coordinator	100% of Students	

knowledge in diversity	(Module 3): (first-year students)	or higher on the second attempt			achieved a 95% or higher	
	RTA 295 Clinical Practicum V Diversity Quiz (Module 3): (second-year students)	95% of students will achieve a 85% or higher on the second attempt	September	Clinical Coordinator	100% of Students achieved a 95% or higher	