RADIOGRAPHY PROGRAM
PROGRAM ASSESSMENT RESULTS
9/2015 – 8/2016
9/2016 – 8/2017
CLASS OF 2017

Mission Statement: The Radiography Program seeks to provide each student with the didacdtic, laboratory and clinical education to become a qualified entry level Radiologic Technologist. The program provides each student the opportunity to develop technical skills, enhance critical thinking and strengthen interpersonal behavior through educational activities. The program will provide an environment, which will be conducive to learning, stimulate self-development and foster an appreciation of and commitment to the profession.

OUTCOME	MEASUREMENT TOOLS	BENCHMARK	RESULTS	ACTION
1.1 Students will demonstrate comprehensive knowledge of radiographic positioning and procedures	Freshmen Positioning and Anatomy Skills	Students will receive an average score of 80% or higher on positioning & anatomy skills in RAD 120.	85.22 = A 89.28 = P	Benchmark met Improved from last year
	Senior Positioning & Anatomy Skills	Students will receive an average score of 85% or higher on positioning & anatomy skills in RAD 230.	85 = P 91 = A	Benchmark just met on positioning; anatomy improved
	Exit Exam	70% of senior students will pass the exit exam on the first attempt RAD 230.	88%	Benchmark met increased by 6% from Class of 2016
	RAD 204 Test I Comprehensive Exam of first year courses	60% of students will score a grade of 65 or higher on this exam given no studying preparation.	63% (17/27) had a grade higher than 65. Final average on test 66.79	Benchmark met Decreased % from previous class; will cont. to monitor

OUTCOME	MEASUREMENT TOOLS	BENCHMARK	RESULTS	ACTION
	Graduate Survey	Responding graduates will respond to question 2 on the graduate survey with a ≥ 4 or higher on a 5 point scale	**4.5**	Benchmark met; very low returns
	Employer Survey	Employers responding will indicate they were satisfied with the graduate ability to perform procedures by a score of ≥ 4 or higher on question 2 and 7 of the employer survey (5 point scale)	**Question 2 = 4.5** **Question 7 = 4.6**	Benchmark met for question 2 and 7
1.2 The student will demonstrate knowledge of the practice of radiation protection and patient safety skills	RAD 100 Test I principles of radiation protection	The class average grade on Test I will be 80% or higher.	**80.2**	Benchmark met Decreased by .3 from previous
	RAD 220 Test I principles of radiation biology	Students enrolled in RAD 220 will have a class average of 80% or greater on Test I	**78.78**	Benchmark met with decrease
	Positioning Skills Question 9 in RAD 120 and RAD 230	Students will properly shield during positioning skills testing with a score of 9 or better on a 10 point scale	**RAD 120 – 9.0** **RAD 230 – 9.44**	Benchmark met increased by .6%; benchmark met
	Clinical Competency Evaluation Form – Section C #4	Students will average ≥3 on a scale of 4-0 in RAD 117 &227	**RAD 117 – 2.62** **RAD 227 – 3.4**	Benchmark not met; Benchmark met increased by .07
	Clinical Profile – Section I #25 of second profile	Students will Score ≥2.5 or better on a 3 point scale	**RAD 120 - 3** **RAD 230 -3**	Benchmarks met

OUTCOME	MEASUREMENT TOOLS	BENCHMARK	RESULTS	ACTION
2.1 Students will demonstrate written communication skills	Successful completion of written research paper in RAD 207	The students will receive an average score of ≥80% or greater	90.74	Benchmark met increased by 2.83
	Written and Oral presentation in RAD 114	Students will average ≥90 or higher on the oral and written presentation.	100	Benchmark met
2.2 Students will demonstrate oral communication skills	Oral presentation in RAD 200 Pathology	Students will average ≥85 or higher on the oral presentation	89.20	Benchmark met; slight increase from Class of 2016
	Employer Survey	Responding employers will rate graduate inter personal skills as ≥4 or better for Question 4 and 5 on a 5 point scale.	Question 4 = 4.6 Question 5 = 4.5	Benchmark met
	Clinical Competency Evaluation Form Section A #5 in RAD 117	Students will score equal or greater than a 3 on a 4 point scale	**3.7**	Benchmark met increase from previous class.

OUTCOMES	MEASUREMENT TOOLS	BENCHMARK	RESULTS	ACTION
3.1 The student will apply problem solving and critical thinking skills as a member of the healthcare team	RAD 210 Final Exam Class average	The class average will score ≥ 80 or higher on their final exam	82.96	Benchmark met decrease by 4.44 from previous class
	Clinical Profile Section I item 26	Students will score a ≥3 or higher (4 point scale)	RAD 117 – 3.72	Benchmark met
	Trauma Competency Evaluation	Students will average ≥80% or higher in RAD 213	RAD 213 – 90.4	Benchmark met 8.53 increase from previous class
3.2 Students will apply sound judgment when performing radiographs on trauma and pediatric patients	Clinical Competency Evaluation Form – trauma and pediatric cases performed by students	Students will average ≥80 % or trauma competencies during RAD 213	90.4	Benchmark met increase by 8.53
		Students will average ≥80% score of pediatric competencies during RAD 213	92.7	Benchmark met increase from Class of 2016

OUTCOMES	MEASUREMENT TOOLS	BENCHMARKS	RESULTS	ACTION
4.1 Students will conduct themselves in a professional/ethical manner in the health care setting	Clinical Profile Section D – Professional Ethics	Students will average ≥8 or higher of a 12 point scale – RAD 120	12	Benchmark met
	Final Clinical Profile Section D – Professional Ethics	Students will average ≥10 or higher on final clinical profile of a 16 point scale – RAD 230	16	Benchmark met and increased by 4 pts.
	Employer Survey Question 8	Graduates will score a ≥4 or higher(5 point scale)	4.6	Benchmark met.
4.2 Students will work as effective members of the health care team	Clinical Profile Section C – Attitude	Students will average ≥13 or higher on a 16 point scale in RAD 120	15.1	Benchmark met Improved from previous class
	Final Clinical Profile Section C – Attitude	Students will average ≥14 or higher on final clinical profile of 16 point scale in RAD 230	15.03	Benchmark met increased score from Class of 2016
	Skull Radiography Second Practicum – Q10 Worked as a Team	Each team will score ≥8 or higher for Question 10 on second skull practicum of 10 point scale for RAD 204	8.91	Benchmark met Slight increase from Class of 2016

OUTCOMES	MEASUREMENT TOOLS	BENCHMARKS	RESULTS	ACTION

1.1   Freshmen Anatomy and Positioning Skills – Benchmark met and much improved from the Class of 2016. Overall clinical skills results were 13 points higher than the Class of 2016. This was the first class that the Anatomy and Positioning Skills results were separated.

Senior Anatomy and Positioning Skills – Benchmark just met on positioning skills; will continue to practice and review in clinical and lab with regard to positioning skills. Anatomy Skills class average improved from the Class of 2016.

Exit Exam – Benchmark met – stress the importance of passing the ARRT exam on the 1st attempt; 88% of the senior students passed the program exit exam on their first attempt. The Class of 2016 had 82% of the students pass their exit exam. The Class of 2017 increased the percentage by 6% compared to the Class of 2016.

RAD 204 – Test 1 – Benchmark met; only 63% of the students scored a grade of 65 or higher on the exam. The Class of 2016 had 70%.   The Class of 2015 had 96% pass rate on the ARRT exam and the Class of 2016 had 91%.   The Class of 2017 had 100% pass rate on the ARRT exam. Therefore the significantly lower or higher rate on this test might not mean anything with relation to the ARRT exam.   However the program will continue to closely monitor the results.

1.2   RAD 100 Test I Principles of Radiation Protection – Benchmark met and decreased .3 % from previous class. Will continue to monitor.

RAD 220 Test 1 – Benchmark met and decreased class average from the Class of 2016 by 5.8 % points. Faculty members will continue to monitor results of this tool and make any changes if necessary.

Positioning Skills Question #9 – RAD 120: Benchmark met and improved will continue to monitor; RAD 230 benchmark met and significantly improved from the Class of 2016; the practice of radiation protection is an important task in the Radiography Profession. The program faculty will continue to take this tool seriously and always look for improvement.

Clinical Competency Evaluation Form – Section C # 4 RAD 117; Benchmark not met decreased by 1.38 points from the Class of 2016; will continue to monitor closely. RAD 227 Benchmark met will continue to monitor.

Clinical Profile Section I #25 of second profile – RAD 120 benchmark met; RAD 230 benchmark met; the faculty will continue to monitor the results of this tool and is currently satisfied with results. No changes from previous class.

2.1   Successful completion of written research paper in RAD 207; Benchmark met and a slight increase by 2.83 %points in the class average. Rubric used for this research paper' faculty member will evaluate rubric and make changes if necessary.

       Written and oral presentation – benchmark met; faculty member reevaluated the requirements of this presentation and make the necessary changes. Students had a perfect 100%average for this presentation. A rubric is being used. Program Director will be watching this carefully to make sure this pattern does not continue.

2.2   Oral Presentation in RAD 200 Pathology – Benchmark met with a slight improvement from the Class of 2016. A rubric has been developed for this oral presentation.

3.1   Clinical Profile Section I item 26 – benchmark met – slight improvement from last year – will continue to monitor.

       Trauma Competency Evaluations – Benchmark met significant improvement (8.53% pts) from the Class of 2016. Will continue to monitor results of this tool and currently satisfied with the results for this class.

3.2   Clinical Competency Evaluations – Trauma and Pediatric cases- both benchmark were met; an increase from the Class of 2016. The faculty will continue to monitor the results of this tool.

4.1   Clinical Profile Section D – Benchmark met; will continue to monitor results

       Final Clinical Profile Section D – Benchmark met ; increased by 4 points.

       Employer Survey – It was very disappointing that I was only received three surveys back from two hospitals. I know for a fact that 85 % of the 2017 graduates have been hired by our seven clinical affiliates and/or imaging centers. However on a good note I have already received three completed employer surveys for the class of 2018, and hoping to get more.

4.2   Clinical Profile Section C Attitude for RAD 120 - Benchmark met and improved from Class of 2016. Faculty will continue to monitor results closely for this tool. Currently satisfied with the results; will continue to monitor.

Final Clinical Profile for RAD 230 Section C Attitude: Benchmark met. Faculty will continue to increase positive attitude and coping skill. Continue to monitor results of this tool, improvement from previous class.

Skull Radiography Second Practicum – Worked as a Team; Benchmark met and slight improvement from the Class of 2016. Faculty member will look at requirements and rubric. This was the first year that there was any improvement, previous three classes scores continue to decrease from previous year. This will be closely monitored.