

County College of Morris
RADIOGRAPHY PROGRAM
ASSESSMENT PLAN
2022 - 2024
9/2022 - 8/2024
CLASS OF 2024

Mission Statement:

The Radiography Program seeks to provide each student with the didactic, 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 that will be conducive to learning, stimulate self-development and foster an appreciation of and commitment to the profession.

Goal 1

The Radiography Program will produce graduates who are competent entry level Radiologic Technologists.

Outcome	Measurement Tools	Benchmark	Time Frame	Person /Group Responsible
1.1 Students will demonstrate comprehensive knowledge of radiographic positioning and procedures.	Freshmen Positioning and Anatomy Skills Performance	Students will receive an average score of 80% or higher on positioning and anatomy skills in RAD 120	RAD 120 Summer 1 st year	Clinical Coordinator
	Senior Positioning and Anatomy Skills Performance	Students will receive an average score of 85% or higher on positioning and anatomy skills in RAD 230	RAD 230 Summer 2 nd year	Clinical Coordinator

	Exit Exam Capstone	70% of senior students will pass the exit exam on the first attempt	RAD 230 Summer 2 nd year	Clinical Coordinator
	RAD 204 Test I Comprehensive Exam of first year courses Test Internally Developed	60% of students will score a grade of 65 or higher on this exam given no studying preparation.	RAD 204 Fall 2 nd year	Program Director
	Graduate Survey	Responding graduates will respond to question 2 on the graduate survey with a ≥ 4 or higher on a 5-point scale.	Six months post graduation	Program Director
	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)	Six months post graduation	Program Director

Outcome	Measurement Tools	Benchmark	Time Frame	Person /Group Responsible
1.2 The graduate will demonstrate knowledge of the practice of radiation protection and patient safety skills	RAD 107 Principles of Radiation Protection test Test Results	The class average grade on Radiation Protection test will be 80% or higher	Fall Semester 1 ST year	Program Faculty
	RAD 220 Test I principles of radiation biology Test Results and Internally Developed	Students enrolled in RAD 220 will have a class average of 80% or greater on Test I	Spring Semester 2 nd year	Program Faculty
	Positioning Skills Question 9 Performance	Students will properly shield during positioning skills testing with a score of 9 or better on a 10-point scale	RAD 120 Summer Semester 1 st year; RAD 230 Summer Semester 2 nd year	Clinical Coordinator
	Clinical Competency Evaluation Form – Section C #4; Embedded Items	Students will average ≥ 3 on scale of 4-0	RAD 117 Spring Semester 1 st year; RAD 213 Fall Semester 2 nd year	Clinical Coordinator
	Clinical Profile – Section I #25 of second profile; Embedded Items	Students will score ≥ 2.5 or better on a 3-point scale.	RAD 120 Summer Semester 1 st year; RAD 230 Summer Semester 2 nd year	Clinical Coordinator

Goal 2: The Radiography Program will produce graduates who will practice effective communication skills, radiation protection and patient safety skills.

Outcome	Measurement Tools	Benchmark	Time Frame	Person /Group Responsible
2.1 Students will demonstrate written communication skills.	Successful completion of written research paper in RAD 207. Rubrics	The students will receive an average score of $\geq 80\%$ or greater	Fall Semester 2 nd year	Program Faculty
	Written and Oral presentation in RAD 114 Rubrics and Performance	Students will average ≥ 90 or higher on the oral and written presentation	RAD 114 Spring Semester 1 st year	Program Faculty
2.2 Students will demonstrate oral communication skills.	Oral presentation in RAD 200 Pathology Performance	Students will average ≥ 85 or higher on the oral presentation	RAD 200 Fall Semester 2 nd year	Program Faculty
	Employer Survey Clinical Competency Evaluation Form Section A #5 RAD 117 Embedded Items	Responding employers will rate graduate interpersonal skills as ≥ 4 or better for Question 4 and 5 on a 5-point scale. Students will score equal or greater 3 or better on a 4-point scale	Six months post-graduation RAD 117 Spring Semester 1 st year	Program Director Clinical Coordinator

Goal 3: The Radiography Program will produce graduates who will demonstrate critical thinking and problem solving skills.

Outcome	Measurement Tools	Benchmark	Time Frame	Person /Group Responsible
3.1 The student will apply problem solving and critical thinking skills as a member of the healthcare team	RAD 204 Final Exam Average Test Results	Students will score ≥ 80 or higher on their RAD 204 Exam	RAD 204 Fall Semester 2 nd year	Program Faculty
	Clinical Profile Section I item 26 Embedded Items	Students will score a ≥ 3 or higher (4-point total)	RAD 227 Spring Semester 2 nd year	Clinical Coordinator
	All Trauma Competency Evaluation Performance	Students will average $\geq 80\%$ or higher on all trauma competencies during their senior year of clinical RAD 213 & RAD 227	At the end of RAD 213 & RAD 227 Spring Clinical encompassing all trauma competencies	Clinical Coordinator
3.2 Students will apply sound judgment when performing radiographs on trauma, pediatric and geriatric patients	Clinical Competency Evaluation Form. - geriatric and pediatric cases performed by students; Performance	Students will average $\geq 80\%$ on geriatric competencies during RAD 213 & 227 Students will average $\geq 80\%$ score of pediatric competencies during RAD 213 & RAD 227	At the end of RAD 213 & RAD 227 Spring Clinical encompassing all geriatric and pediatric competencies	Clinical Coordinator

Goal 4: The Radiography Program will produce graduates who demonstrate professional and ethical behavior.

Outcome	Measurement Tools	Benchmark	Time Frame	Person /Group Responsible
4.1 Students will conduct themselves in a professional/ethical manner in the health care setting	Clinical Profile Section D- Professional Ethics of second profile Embedded Items	Students will average < 8 or higher of a 12-point total.	RAD 120 Summer Semester 1 st year	Clinical Coordinator
	Final Clinical Profile Section D- Professional Ethics; Embedded Items	Students will average ≥ 10 or higher on final clinical profile of 12-point scale.in RAD 230	RAD 230 Summer Semester 2 nd year	Clinical Coordinator
4.2 Students will work as effective members of the health care team	Employer Survey Question 8	Graduates will score a ≥ 4 or higher (5-point scale)	Six months post graduation	Program Director
	Clinical Profile Section C – Attitude of second profile; Embedded Items	Students will average ≥ 13 or higher on a 16-point scale in RAD 120	RAD 120 Summer Semester 1 st year	Clinical Coordinator
	Final Clinical Profile Section C –Attitude Embedded Items	Students will average ≥ 14 or higher on final clinical profile of 16 point scale in RAD 230	RAD 230 Summer Semester 2 nd year	Clinical Coordinator
	Head Work Portfolio Test Results	Each team will score 90% higher for their portfolio on a 100-point score during RAD 204	RAD 204 Fall Semester 2 nd year	Program Faculty

