

Radiography Required Student Outcomes and Program Goals

Mission Statement:

The Radiography program at Pennsylvania College of Technology is an associate-degree program that provides students a high-quality education delivered by experienced instructors. The curriculum includes significant hands-on learning experiences in laboratory and clinical settings, which prepare graduates for successful entry into the profession. The program assists students in achieving their professional goals and promotes the value of life-long learning to ensure that graduates remain productive members of the profession throughout their careers.

Program Goals and Learning Outcomes:

A graduate from this program will be able to:

Goal 1: Demonstrate knowledge and skills to become a clinically competent Radiographer.

Learning Outcomes:

1. Students will demonstrate knowledge of radiation exposure principles
2. Students will demonstrate the application of radiation protection principles.
3. Students will appropriately position patients.
4. Students will demonstrate the ability to maintain the flow of patients in an assigned radiographic room.

Goal 2: Apply critical thinking skills in the classroom and clinical setting.

Learning Outcomes:

1. Students will demonstrate essential critical thinking and ethical decision-making skills in scenario-based learning.
2. Students will demonstrate a higher level of thinking and apply critical thinking skills while performing non-routine procedures.
3. Students will demonstrate critical thinking skills when evaluating radiographic images.

Goal 3: Demonstrate professional attitudes and behaviors in the classroom and in the clinical setting.

Learning Outcomes:

1. Students will demonstrate professional behaviors in the clinical setting.
2. Students will demonstrate understanding of importance of staying current in the profession.
3. The student will evaluate the various opportunities for professional growth within Medical Imaging Sciences.

Goal 4: Communicate professionally and effectively with patients and other members of the healthcare team.

Learning Outcomes:

1. Students will demonstrate effective written communication.
2. Students will communicate effectively with patients.
3. Students will demonstrate oral communication skills.
4. Students will demonstrate cultural competence.

Goal 5: Display leadership and collaborative qualities.

Learning Outcomes:

1. Students will collaborate effectively with peers and instructors.
2. Students will compose an application essay for student leadership program at Pennsylvania Society of Radiologic Technology.

Program Effectiveness Goals

Goal 1: Graduates will pass the ARRT credentialing examination on the first attempt within 6 months of graduating. *

Yearly Average Benchmark \geq 75%

5-year Average Benchmark \geq 75%

*This item does not include graduates who do not take their registry examination within 6 months of graduation.

Goal 2: Students will graduate within the stated program length. *

Yearly Average Benchmark \geq 70%

*This item does not include those attrition excluded by JRCERT standards.

Goal 3: Graduates will be employed in Radiography within 12 months of graduation. *

Yearly Average Benchmark \geq 75%

5-year Average Benchmark \geq 75%

*This item does not include those graduates excluded by JRCERT standards.

Goal 4: Graduates will express satisfaction with their educational experience at the end of the program.

Rating of 7 points or higher on a 10-point scale

Goal 5: Employers will state that graduates of the program meet the requirements for an entry level radiographer.

Rating of 2.0 or higher on a 3-point scale

Goal 6: The average score on the ARRT registry examination will meet the national average.