



Course Outcome Summary

Required Program Core Course

RAD 175 – Radiographic Positioning II

Course Information

Division	Health Sciences
Contact Hours	4.5
Theory	35
Lab Hours	34
Total Credits	3

Prerequisites RAD 115 – Principles of Rad. Exposure
RAD 130 – Radiographic Positioning I
RAD 213 – Radiation Protection

Co-requisites RAD 180 – Radiography Clinic I

Course Description

This combination lecture/lab course is a continuation of Radiographic Positioning I fundamentals, terminology, and procedures. The study of the fundamentals of patient care is integrated with study of basic radiographic procedures of the upper gastrointestinal system, lower gastrointestinal system, gallbladder and biliary ducts, urinary system, mammary gland, pediatric radiography, arthrography, and myelography. Practice of these procedures will be done in a regional X-ray lab or via VR.

This course is a required core course for students pursuing an Associate of Applied Science - Radiography

Program Outcomes Addressed by this Course:

The successful completion of this course will assist students towards meeting the following program outcomes:

- demonstrate the knowledge and skills necessary for competency as an entry-level Radiologic Technologist/Radiographer by operating and manipulating radiographic equipment to produce high-quality images and by practicing safe patient care for a diverse population.
- apply critical thinking skills in their field by adapting to non-routine procedures and by identifying and troubleshooting issues with radiographic processes.
- communicate effectively and professionally with peers, interprofessional teams, and diverse patient populations
- demonstrate the values, attitudes, and behaviors necessary of an entry-level Radiologic Technologist/ Radiographer

Course Outcomes

In order to evidence success in this course, the students will be able to:

- critique orders, requests, and diagnostic reports for appropriateness.
Applies to Program Outcomes A & B
- demonstrate proper positioning for radiographic imaging as ordered, including use of appropriate positioning aids and modification of technique for special considerations as necessary.
Applies to Program Outcomes A & B
- effectively and respectfully communicate with diverse patient populations, modifying instructions as necessary due to communication barriers and cultural considerations.
Applies to Program Outcomes B, C, & D



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4. evaluate images for positioning, centering, appropriate anatomy, and overall image quality.
Applies to Program Outcome A & B
5. simulate radiographic procedures on a person or phantom in a laboratory setting, applying safety and protection practices as appropriate.
Applies to Program Outcome A

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By: H. Stripling