



Course Outcome Summary

Required Program Core Course

RAD 221 – Clinical Issues in Radiography II

Course Information

Division	Health Sciences
Contact Hours	3
Theory	45
Lab Hours	0
Total Credits	3

Prerequisites

RAD 201 – Clinical Issues in Radiography I
RAD 205 – Radiography Clinical Practice II
RAD 217 – Advancements in Imaging

Co-requisites

RAD 211 – Sectional Anatomy
RAD 250 – Radiography Clinical Practice III

Course Description

This course is the second in a series of courses intended to augment first year introductory courses and complement clinical education. Topics covered are critical thinking and problem-solving skills in radiography and communication in medical imaging, and career planning. In addition, students evaluate selected radiographs taken during clinical education. A capstone portfolio is produced. Review for the American Registry of Radiologic Technologists examination is continued. Students are required to pass a capstone simulated registry examination.

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.

Course Outcomes

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

- demonstrate retention of prior coursework on the principles of patient care, radiation physics, and imaging techniques.
Applies to Program Outcome A
- solve problems presented in critical thinking exercises related to radiography.
Applies to Program Outcomes A & B
- create a capstone portfolio.
Applies to Program Outcome A, B & C
- pass a simulated registry exam.
Applies to Program Outcomes A & B

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