



Course Outcome Summary

Required Program Core Course

RAD 211 – Sectional Anatomy

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 221 – Clinical Issues in Radiography II
RAD 250 – Radiography Clinical Practice III

Course Description

This course is designed to provide students in the diagnostic imaging sciences a basic understanding of three-dimensional structure relationships of normal anatomy. Transverse axial, coronal, sagittal, and oblique imaging planes will be examined. Visceral anatomy of the head, neck, thorax, abdomen and pelvis will be presented with emphasis in the transverse plane. Computed tomography and magnetic resonance images will be used as supplemental learning tools. This course will also help prepare students considering a later concentration in CT or MRI technologies.

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:

- A. 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.
- B. apply critical thinking skills in their field by adapting to non-routine procedures and by identifying and troubleshooting issues with radiographic processes.

Course Outcomes

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

1. interpret CT, MRI, and ultrasound imaging using sectional anatomic knowledge of the transverse axial, coronal, sagittal, and oblique imaging planes.
Applies to Program Outcome A
2. apply course knowledge to field-based challenges and case studies.
Applies to Program Outcome A & B