

Master Syllabus

RAT 2423 - Radiographic Procedures III

Division: Health Sciences

Department: Radiologic Technology

Credit Hour Total: 3.0

Lecture Hrs: 3.0

Prerequisite(s): RAT 1222

Other Prerequisite(s): AND Restricted to Majors

Date Revised: February 2014

Course Description:

Radiographic considerations related to geriatric, pediatric, advanced imaging procedures and modalities. Includes analysis of human anatomical structures using various anatomical planes.

General Education Outcomes:

- Critical Thinking/Problem Solving Competency

Course Outcomes:

Advanced Imaging, Geriatric, and Pediatric Procedures

Identify and compare multiple advanced imaging, geriatric, and pediatric procedures and relate them to clinical practices.

Assessment Method: Locally developed exams

Performance Criteria: 71% passing score

Advanced Imaging Modalities

Define and differentiate advanced imaging modalities and relate them to advanced imaging certification.

Assessment Method: Locally developed exams

Performance Criteria: 71% passing score

Sectional Anatomy

Identify bony anatomy, soft and vascular tissue in axial, sagittal and coronal planes.

Assessment Method: Locally developed exams

Performance Criteria: 71% passing score

Outline:

Advanced imaging procedures (myelography, arthrography, angiography)

Advanced imaging modalities (CT, MRI, Sonography, Mammography, Cardiac Cath)

Identify various anatomical structures as found in the axial, coronal, and sagittal planes

Pediatric and geriatric radiographic procedures