

## 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

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#### **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