Master Syllabus

RAT 2640 - Computed Tomography Practicum

Division: Health Sciences

Department: Radiologic Technology

Credit Hour Total: 1.0   **Practicum:** 7.0

Other Prerequisite(s): Approval of Department

Date Revised: January 2016

Course Description:

A clinical education course that provides hands-on experience performing computed tomography procedures at an affiliate hospital and/or imaging center. Seven practicum hours per week.

General Education Outcomes:

- Oral Communication Competency
- Critical Thinking/Problem Solving Competency
- Values/Citizenship/Community Competency

Course Outcomes:

Contrast Media
Identify and describe related contrast media in terms of characteristics, uses, and potential adverse reactions.

Assessment Method: Behavioral observations
Performance Criteria:

80% or higher achieved

Assessment Method: Performance appraisals
Performance Criteria:

80% or higher achieved

Procedure Protocols
Demonstrate entry-level performance competencies and describe procedure protocols related to head/neck, thorax, abdomen/pelvis, spine, extremities, and special procedures.

Assessment Method: Behavioral observations
Performance Criteria:

80% or higher achieved

Assessment Method: Performance appraisals
Performance Criteria:

80% or higher achieved

Patient Care, Ethics and Professionalism
Perform patient exams demonstrating humanistic, moral, ethical and efficient patient care techniques.

Assessment Method: Behavioral observations
Performance Criteria:

0% or higher achieved

Assessment Method: Performance appraisals
Performance Criteria:

0% or higher achieved

Equipment Operation
Operate the computed tomography console and equipment in a effective, efficient and safe manner.

Assessment Method: Behavioral observations
Performance Criteria:

80% or higher achieved

Assessment Method: Performance appraisals
Performance Criteria:

80% or higher achieved

Image Analysis
Perform effective analysis when evaluating the final image for quality, using problem-solving techniques.

Assessment Method: Behavioral observations
Performance Criteria:

80% or higher achieved

Assessment Method: Performance appraisals
Performance Criteria:

80% or higher achieved

Outline:

Head/neck

Thorax - Lung/Cardiac

Abdomen/Pelvis

Spine

Extremities

Special Procedures