Sinclair Community College
444 E. Third St.
Dayton, OH 45402

Master Syllabus

RAT 2640 - Computed Tomography Practicum

Division: Health Sciences

Department: Radiologic Technology

Credit Hour Total: 1.0 - 4.0 **Practicum:** 7.0

Other Prerequisite(s): Approval of Department

Date Revised: February 2014

Course Description:

A variable credit 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 per semester credit hour.

General Education Outcomes:

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

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