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

Master Syllabus

RAT 2526 - Capstone in Radiologic Technology

Division: Health Sciences

Department: Radiologic Technology

Credit Hour Total: 4.0 **Lecture Hrs:** 4.0

Other Prerequisite(s): Restricted to Majors

Date Revised: February 2014

Course Description:

Synthesis of current knowledge of radiologic technology concepts, professional development including certification and licensure requirements , ethical/legal responsibilities and transition from student to radiographer.

General Education Outcomes:

- Information Literacy Competency
- Critical Thinking/Problem Solving Competency

Course Outcomes:

Synthesis of Radiologic Technology Concepts
Perform analysis of current knowledge of radiologic technology concepts, identify areas of needed improvement and formulate a study plan based on results as preparation for the national certification examination in radiography.

Assessment Method: Locally developed exams
Performance Criteria: 75% or higher achieved

Professional Development in Radiologic Technology
Identify professional development in Radiologic Technology including certification/licensure and required continuing education, ethical and legal issues, professional communication, and transitioning from student to radiographer and associated responsibilities.

Assessment Method: Locally developed exams
Performance Criteria: 3 out of 4 on rubric

Interviewing and Resume Writing
Identify proper etiquette when interviewing for a job and create a professional resume, cover letter and reference page based on previous experience and current radiographic skills.

Assessment Method: Portfolios
Performance Criteria: 3 out 4 on rubric

Outline:

Patient Care Management and Education
Radiographic Procedures
Equipment Operation and Maintenance
Image Production and Analysis
Radiation Biology and Protection
Professional Development
Interview Techniques and Resume Writing
Transition from Student to Radiographer