

## CUMBERLAND COUNTY COLLEGE

### **Course: RT 102 Radiographic Procedures I**

**Credits:** 3

### **Prerequisites:**

None

### **Co-requisites**

RT101, RT103, RT104, BI106

### **Course Description**

Using lectures and audiovisuals, basic radiographic positioning, anatomy, and terminology used for procedures of the chest, abdomen, and extremities are presented. Laboratory sessions are used for demonstration and for student participation in the simulation of procedures.

### **Learning Outcomes**

At the completion of this course, students will be able to:

- Properly manipulate the radiographic equipment in a standard diagnostic room;
- Integrate appropriate terminology related to body position, movements and location;
- Position classmates for the basic projections of the chest, abdomen and extremities;
- Complete laboratory competencies for those studies listed above;
- Analyze radiographs for proper positioning and technique; and
- Apply the knowledge of routine positioning techniques to adaptations needed for variations in body habitus, age and mobility of patients.

### **Topical Outline**

- Unit One - Terminology & imaging principles
- Unit Two - Radiography of the chest
- Unit Three - Radiography of the abdomen
- Unit Four - Radiography of fingers, hand and wrist
- Unit Five - Radiography of forearm, elbow and humerus
- Unit Six - Radiography of shoulder, scapula, clavicle and A.C. joints
- Unit Seven - Radiography of the foot, toes, heel and ankle
- Unit Eight - Radiography of the lower leg, knee and femur
- Unit Nine - Radiography of the hip, pelvis and S.I. joints

### **Required Texts and Other Materials**

Ballinger, Frank, *Merrill's Atlas of Radiographic Positions & Radiologic Procedures, current edition*, Vol I, II, & III. Mosby.

### **Student Assessment**

Assessment will be accomplished through exams, laboratory competencies, and related student clinical assignments. The grade for this course will be determined as follows:

- Tests = 75%
- Final Exam = 25%

Class absences will be deducted from the course grade as follows:

- 0.50 for each absence and
- 0.25 for each lateness or early departure.

Failure to complete any of the laboratory competencies or other course assignments will result in an “I” incomplete grade.

### **Academic Integrity**

Plagiarism is cheating. Plagiarism is presenting in written work, in public speaking, and in oral reports the ideas or exact words of someone else without proper documentation. Whether the act of plagiarism is deliberate or accidental [ignorance of the proper rules for handling material is no excuse], plagiarism is, indeed, a “criminal” offense. As such, a plagiarized paper or report automatically receives a grade of ZERO and the student may receive a grade of F for the semester at the discretion of the instructor.

### **Available Resources**

If you are having difficulty with work in this class, tutoring is available through the Success Center. If you think that you might have a learning disability, contact Project Assist at 856.691.8600, x1282 for information on assistance that can be provided to eligible students.

**(List availability of open labs and/or writing center)**

### **Before Withdrawing From This Course**

If a student experiences adverse circumstances while enrolled in this course and considers withdrawing, s/he should see an advisor (division or advisement center) BEFORE withdrawing from the class. A withdrawal may cause harmful repercussions to completion rate standards and overall GPA which can limit or eliminate future financial aid in addition to causing academic suspension.