

CUMBERLAND COUNTY COLLEGE

Course: RT107 Radiographic Procedures II

Credits: 3

Prerequisites

RT101, RT102, RT103, RT104, BI106

Co-requisites

RT106, RT110, RT121, BI107

Course Description

Basic radiographic positioning, anatomy, and terminology used for procedures of the vertebral column, bony thorax, urinary and digestive system are presented. This course also focuses on contrast media and its use in radiography of the body systems.

Learning Outcomes

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

- Manipulate the radiographic equipment in a standard diagnostic/fluoroscopic room.
- Position classmates for projections/position as indicated.
- Analyze radiographs for proper positioning and technique.
- Explain the types, principles, applications and contraindications of contrast media.
- Successfully complete simulated laboratory competencies in all procedures studied.
- Relate the knowledge of routine positioning and techniques to adaptations needed for variations in body habitus, age and mobility of patients.

Topical Outline

- Unit One - Lumbar, sacrum & coccyx, S.I. joints
- Unit Two - Cervical & thoracic spine
- Unit Three - Bony thorax - Sternum, ribs & S.C. joints
- Unit Four - Contrast Media
- Unit Five - Biliary system
- Unit Six - Urinary system
- Unit Seven - Upper Gastrointestinal system - Upper GI and small bowel studies
- Unit Eight - Lower Gastrointestinal system - Barium Enema

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.