

RADIOLOGIC TECHNOLOGY

Course Title: RADIOGRAPHIC PROCEDURES I
Course Prefix: RAD 130
Lecture Hours: 2.0
Lab Hours: 3.0
Credit Hours: 3.0

[Distance Learning Attendance/VA Statement](#)
[Textbook Information](#)

COURSE DESCRIPTION

This course provides an introduction to radiographic procedures. Positioning of the chest, abdomen, and extremities will be included.

COURSE COMPETENCIES

Upon successful completion of this course, the student should be able to complete the following associated with chest procedures, abdomen procedures, procedures of the upper and lower extremities, the bony thorax, and positioning of the spine:

- Name and identify, generally and radiographically, all anatomy learned;
- Demonstrate proper central ray location
- Demonstrate part, tube, and film alignment
- Demonstrate correct use of markers
- Demonstrate proper film identification
- Provide necessary radiation protection
- Critique finished radiographs for radiographic quality
- Recognize evident radiographic pathology demonstrated

METHODS OF INSTRUCTION

Principles will be introduced by the instructor through lecture, viewing audio-visual materials, laboratory exercises, demonstration, simulated practice, and viewing radiographs. Additional methods designated for remediation or enrichment will be individually tailored as needed.

COURSE REQUIREMENTS

All students are responsible for attaining competencies through the completion of the following course requirements:

- attending class (See *Handbook and Catalog* for attendance policy)
- reading all assigned materials as listed in syllabus

- participating in all class activities and tests as scheduled and as listed in syllabus
- completing CAI lab assignments

ACADEMIC INTEGRITY

The policies stated in the *YTC Handbook and Catalog* and *Radiologic Technology Student Manual* will be enforced. Any student violating the policy will be subject to academic discipline as stated.

ATTENDANCE POLICY

The attendance policy stated the *YTC Handbook and Catalog* and *Radiologic Technology Student Manual* will be enforced.

GRADING PROCEDURES

Unit tests will be given as outlined in the syllabus. Any pop quizzes may be unannounced and will be averaged together at the end of the quarter to be given the weight of one unit test. Pop quizzes may not be made up. A minimum grade of 80% is required on all unit tests to pass the test. Any student who makes a grade lower than 80% on a unit test and does not have an A average at the end of the semester will be required to take a comprehensive final exam at the end of the semester. However, if any student makes a grade lower than 80% and still maintains an A average at the end of the semester, the student will not be required to take the comprehensive final exam (exempt). Any student that requires more than one make-up test will be required to take a comprehensive final exam. The final exam will count as 1/3 of the final grade and the unit tests will count as 2/3 of the final grade.

As with all RAD courses, the grading scale is as follows:

GRADE	SCORE
A	93-100
B	86-92
C	80-85
D	70-79
F	Below 70

See *Student Manual* for additional information.

MAKE-UP TESTS

In order for a student to make up a scheduled test, the student must make an appointment with the Assessment Center by calling 981-7176 or stopping by office B-7. Students must schedule appointments 24 hours in advance and must notify the instructor to assure that the test is sent to the Assessment Center prior to the appointment time. Students should report 10 minutes before the scheduled test time. A picture ID is required at the time of the test—NO EXCEPTIONS. If the student misses his/her appointment for a given test, the test will be returned to the instructor and a grade of "0" will be recorded. Tests must be made up within **one week** of the original test date except in extenuating circumstances (at the discretion of the instructor). Students making up more than one test per semester will be required to take the final exam. A student's abuse of the privilege to make up exams may result in the student's withdrawal from the course.

PERFORMANCE OBJECTIVES

Performance objectives for each topic (unit) will be distributed at the beginning of each unit that is studied.

ENTRY-LEVEL SKILLS

A student entering this course must be enrolled in the second semester of the Radiologic Technology Program.

PREREQUISITES

RAD 102, RAD 101, RAD 152, BIO 210

COREQUISITES

RAD 110, RAD 165, RAD 105, BIO 211 (or completion)