

COURSE INFORMATION

Course Title: **ADVANCED RADIOGRAPHY I**
Course Prefix: **RAD 256**
Credit Hours: **6.0**
Lecture Hours: **0.0**
Lab Hours: **18.0**

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

COURSE DESCRIPTION

This course includes independently performing routine procedures in a radiology department, including involvement in advanced radiographic procedures.

COURSE COMPETENCIES

Utilizing both classroom and clinical instruction received thus far and with appropriate interaction and supervision the student will be able to perform radiographic procedures in increasingly greater independence by:

Module I: Piedmont Medical Center

Demonstrate knowledge, application, and competency in radiographic exams in:

- fluoroscopy
- urography
- the emergency room
- the operating room and cystography
- portable x-ray
- 2-10 evening clinical rotation
- general diagnostic rooms
- the utilization of Digital Imaging devices
- Computed Tomography

Module II: Springs Memorial Center

Demonstrate knowledge, application, and competency in radiographic exams in:

- fluoroscopy
- urography
- the emergency room
- the operating room and cystography
- portable x-ray
- general diagnostic rooms
- 2-10 evening clinical rotations

Module III: Orthopedics

Demonstrate knowledge, application, and competency in radiographic exams in:

- Orthopedic exams
- Orthopedic office procedures

Module IV: Imaging Centers

Demonstrate knowledge, application, and competency in radiographic exams in:

- General Diagnostic
- Fluoroscopy
- Urography

Module V: Chester Regional Medical Center

Demonstrate knowledge, application, and competency in radiographic exams in:

- fluoroscopy
- urography
- the emergency room
- the operating room and cystography
- portable x-ray
- general diagnostic rooms

PERFORMANCE OBJECTIVES/MINIMAL STANDARDS

Performance objectives for each clinical assignment are in the addendum. A program required minimum grade of 80% is required to pass the course and remain in the Radiography program. (See Grading Procedures).

METHODS OF INSTRUCTION

Familiarization with examinations, procedures, image evaluation, and equipment will occur through explanation, observation, demonstration, guided practice, and evaluation by supervising technologists and program appointed clinical instructors. Additional methods designed for remediation or enrichment may be individually tailored as needed.

COURSE REQUIREMENTS

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

- attending clinical assignments
- observing and participating in all activities in the clinical assignment
- meeting stated behavioral objectives in all clinical assignments
- completing seven (7) procedure/image competency examinations required for Summer Semester.
- completing all equipment competency examinations as indicated in the syllabus
- completing BBP CAI assignment and TB instruction.

- written evaluation with a minimum score of 80%
- complete CCA project for Assessment
- successful completion (80 or higher) of clinical final exam

ACADEMIC/ETHICAL INTEGRITY

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

ATTENDANCE POLICY

The attendance policy for clinical education as stated in the **Radiologic Technology Student Manual** will be enforced. A maximum of fourteen (14) hours sick time are allowed for this semester (5%). Any time missed in excess must be made up during semester break. Any hours missed over 40 will automatically result in a grade of F for the course.

Each student must use the proper procedure for clocking in and out to receive credit for attendance. This will be strictly enforced. If a student is dismissed early by a supervising technologist, then the technologist must notify program faculty of the early dismissal. Notification may occur through E-M on the hospital computer system or through written notification.

GRADING PROCEDURES

The grading procedures for clinical education courses as stated in the **Radiologic Technology Student Manual** will apply. The following method will be used to calculate the final clinical grade:

As with all RAD TECH CLINICAL 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 CLINICAL EDUCATION section in **Radiologic Technology Student Manual** for additional information.

Reminder: For each weekly rotation in clinical, each student must receive an evaluation from his/her supervisor. If a student fails to receive a signature and an evaluation is not submitted by the technologist, then the student will receive a grade of "0" for that clinical rotation resulting in a 25% decrease of their clinical grade for the month.

CLINICAL EDUCATION SCHEDULE

Clinical education schedules are mailed to the student during the semester break.

ENTRY-LEVEL SKILLS

A student entering this course must currently be enrolled as a Summer Semester, second-year student in the Radiologic Technology Program.

PREREQUISITES

RAD 102, RAD 101, RAD 152, BIO210, BIO 211, RAD 110, RAD 130, RAD 165, RAD 105, RAD 136, RAD 115, RAD 175.

CO-REQUISITES

RAD 230, RAD 121

Disabilities Statement: Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Offices (SR) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.