RADIOLOGIC TECHNOLOGY

Course Prefix No: **RAD 175**
Course Title: **APPLIED RADIOGRAPHY III**
Lecture Hours: 0
Lab Hours: 15.0
Credit Hours: 5.0

DL Attendance/VA Statement
Textbook Information

COURSE DESCRIPTION

This course provides the student with the clinical education needed for building competence in performing radiographic procedures within the clinical environment.

COURSE COMPETENCIES

Upon successful completion of this course the student should be competent in the following:

-Develop professional conduct skills
-Practice professionalism during all phases of training
-Demonstrate ability to adapt to the professional environment
-Demonstrate ability to critique a radiograph with supervision
-Master competencies listed in course outline under direct supervision

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

Module I: Piedmont Medical Center

Demonstrating 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

Module II: Springs Memorial Center

Demonstrating knowledge, application and competency in radiographic exams in:

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

Module III: Orthopedics

Demonstrating knowledge, application and competency in radiographic exams in:

- Orthopedic exams
- Orthopedic office procedures

Module IV: Imaging Centers

Demonstrating knowledge, application and competency in radiographic exams in:

- General Diagnostic
- Fluoroscopy
- Urography

PERFORMANCE OBJECTIVES/MINIMAL STANDARDS

Performance objectives for each clinical assignment are attached. A program-required minimum grade of 80% is required to pass the course (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.

ACADEMIC/ETHICAL INTEGRITY

The policies stated in the **YTC catalog** 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 twelve (12) hours sick time are allowed for this semester. 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 or time sheet signatures to receive credit for attendance. This will be strictly enforced. If a student is dismissed early by a supervising technologist then the technologist must notifiy program faculty of the early dismissal. Notification may occur through E-M on the hospital computer system or through written notification.

ENTRY-LEVEL SKILLS

A student entering this course must currently be enrolled as a first-year, second semester (spring) student in the Radiologic Technology Program.

PREREQUISITES

RAD 102, RAD 101, RAD 152, BIO210, BIO 211, RAD 110, RAD 130, RAD 165, RAD 105

CO-REQUISITES

RAD 115, RAD 136,

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 twelve (12) procedure/image evaluations
-completing all required equipment competency evaluations
-completing the journal as required
-completeing CCA project used in Assessment

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:

Attendance	10%
Average of RT Evaluation Grades	20%
Average of Competency Evaluation Grades	20%
Equipment Checkoffs, Semester Objectives (Journals submitted, CCA, other assignments)	25%
Final Exam	25%

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

Reminder: For each weekly rotation in clinical, each student must receive an evaluation from his/her supervisor. Students are to use the Tech Signature Form located in the back of their purchased syllabus to document that the evaluation was given to the technologist. Upon receipt of the evaluation from the student, the technologist will initial the form in the appropriate area. It is the responsibility of the student to obtain the proper documentation. 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 and 25% reduction in monthly clinical grade will apply for each evaluation missing.

See CLINICAL EDUCATION section in **Radiologic Technology Student Manual** for additional information.

CLINICAL EDUCATION SCHEDULE

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

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