

SECTION I

SUBJECT AREA AND COURSE NUMBER: RAD 190
COURSE TITLE: RAD CLINICAL I
COURSE CATALOG DESCRIPTION:

LECTURE HOURS PER WEEK: **CREDIT HOURS: 2**
LAB HOURS PER WEEK (IF APPLICABLE):
PREREQUISITES:

SECTION II

A. SCOPE:

The student will be assigned to a clinical site for two days per week. All information taught in Positioning I will be reinforced by hands-on experience under the supervision of a registered technologist. The clinical instructor will evaluate the progress of the student in performing x-rays of the chest, abdomen, upper extremities, and lower extremities. Student rotations will include general radiography, emergency radiography, fluoroscopy, and mobile radiography. The students will also be required to perform eighty hours of clinical during the winter break between the two semesters. Students will be assigned a grade of I (incomplete) in the fall semester grade until completion of the 80 hours.

B. REQUIRED WORK:

C. ATTENDANCE AND PARTICIPATION:

student evaluations in the clinical areas will be done monthly by the clinical instructor and the students. This will keep the instructor(s) abreast of the student's progress.

Part of the student's grade for this course will be evaluated by Student Development Evaluation form. This will be worth 30% of the final grade.

Also, clinical competencies for the upper extremities, lower extremities, chest, and abdomen. Clinical competencies in the areas of chest and abdomen are required. A total of 4 successful clinical competencies are required by the end of the first semester. These are worth a total of 50% of the final grade.

Passing, with at least 90%, is mandatory for continuation in the program.

D. METHODS OF INSTRUCTION:

Clinical labs will be conducted weekly at each clinical site to simulate actual patient exams and familiarize students with departmental routines and equipment. Students will participate actively in patient exams in the assigned area, gaining valuable hands on experience.

RAD CLINICAL I (CONT'D)

E. OBJECTIVES, OUTCOMES, AND ASSESSMENT

LEARNING OBJECTIVES	LEARNING OUTCOMES	ASSESSMENT METHODS
To demonstrate an understanding of:	Student Will:	As measured by:
Chest X-rays Abdomen X-rays Upper Extremities Lower Extremities	<ul style="list-style-type: none"> - Understand the operation of basic radiographic equipment such as the bucky trays, radiographic tube, and x-ray table. - Learn how to properly develop radiographic films in a darkroom and/or with a computed radiography system. - Learn to communicate effectively with patients of all age groups. - Demonstrate proficiency in positioning of the upper extremities, lower extremities, chest, and abdomen. - Learn to evaluate the quality of a radiograph in terms of positioning and technique. 	Four Clinical Competency Examinations

F. TEXT(S) AND MATERIALS: (if required)

Pocket Guide to Radiography, Ballinger

G. INFORMATION TECHNOLOGY: (if required)