

**MASTER SYLLABUS**

**COURSE NO., HOURS, AND TITLE: RAD 424-4--MRI and CT Clinical Internship II**

**COURSE DESCRIPTION:**

This is the second clinical internship in a two-course sequence. The student will be assigned to a selected clinical education center. During this semester, the student will continue to perfect his/her professional skills developed during the previous clinical internship. In addition, the student will focus on developing hands-on skills in radiation therapy treatment simulation, interventional techniques, stereotactic procedure and trauma. Not for graduate credit. Prerequisite: "C" or better in RAD 404 and 414. Concurrent enrollment in RAD 434.

**PREREQUISITE TO:** None.

**COURSE OBJECTIVES:**

Upon completion of this course, the student will be able to:

1. Demonstrate mastery level competency of exams of the head/spine, neck, chest/mediastinum, abdomen, pelvis, and musculoskeletal system.
2. Assist and perform specialty examinations including radiation therapy treatment simulation, trauma imaging, stereotactic procedure and interventional procedures.
3. Assist and observe the radiologist during interventional procedures.
4. Maintain clinical records as provided by the instructor.

**TOPICAL OUTLINE:**

	<b>Topics</b>	<b>Percentage of Time</b>
I.	Patient Relations	25%
II.	Practice and Perfect Professional MRI and CT Skills	75%

**TEXTBOOK:**

**Required:**

The instructor will distribute all course material.