

MASTER SYLLABUS

COURSE NO., HOURS, AND TITLE: RAD 414-2 Special Studies in MRI and CT

COURSE DESCRIPTION:

Individual projects in MRI and CT will be selected by the student with approval of the instructor and culminate in case study reviews. In addition, the student will prepare to challenge The American Registry of Radiologic Technologists professional examinations in either MRI or CT. A portion of this course is on-campus. Not for graduate credit. Prerequisite: "C" or better in RAD 364, 374, 384, 394.

PREREQUISITE TO: RAD 424 and 434

COURSE OBJECTIVES:

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

1. Prepare and review (5) case studies in CT.
2. Prepare and review (5) case studies in MRI.
3. Discuss and review MRI and CT clinical experiences.
4. Prepare for the American Registry of Radiologic Technologists national examinations in either magnetic resonance imaging or computed tomography.

TOPICAL OUTLINE:

Topics	Percentages of Time
I. Case Studies	50%
II. MRI or CT Examination Preparation	50%
A. Review	
B. Mock Exams	

TEXTBOOKS:

Required:

Instructor Handouts.