

## **MASTER SYLLABUS**

### **COURSE NO., HOURS, AND TITLE:**

RAD 546, 3, Seminar in Radiologic/Imaging Sciences II (Cross referenced with RAD 545)

### **COURSE DESCRIPTION:**

This course consists of various seminar/literature reviews associated with the radiologic/imaging sciences. Topics include imaging techniques, technological advances in the radiologic/imaging sciences, patient care trends, and the role of an imaging professional. This course is twenty weeks in length. Prerequisite: A grade of "C" or better in RAD 526.

**PREREQUISITE TO:** N/A

### **COURSE OBJECTIVES**

1. Demonstrate an understanding of the basic clinical concepts in radiologic/imaging sciences.
2. Demonstrate an understanding of imaging techniques.
3. Demonstrate an understanding of the latest technologies in radiologic/imaging sciences.
4. Demonstrate an understanding of patient care trends.
5. Demonstrate an understanding of the role of an imaging professional.

### **TOPICAL OUTLINE:**

<b>Topics</b>	<b>Percentages of Time</b>
<b>I.</b> Clinical Concepts	20%
<b>II.</b> Imaging Techniques	25%
<b>III.</b> New Technologies	25%
<b>IV.</b> Patient Care	20%
<b>V.</b> Scope of Practice	10%

**TEXTBOOKS:** N/A