

RAD 560
Seminars in Medical Dosimetry III
Summer Semester Syllabus

COURSE DEFINITION:

RAD 560-2 Seminar in Medical Dosimetry III – This course consists of various seminars/literature reviews associated with radiation oncology. Topics include treatment techniques for various cancers, technological advances in cancer treatment, cancer treatment trends, and the role of a medical dosimetrist. This course is ten weeks in length. Prerequisite: A grade of “C” or better in RAD 545.

COURSE OBJECTIVES:

1. Demonstrate an understanding of the basic clinical concepts in radiation oncology.
2. Demonstrate an understanding of how different cancers are treated.
3. Demonstrate an understanding of the latest technologies in radiation oncology.
4. Demonstrate a basic understanding of treatment planning.
5. Demonstrate an understanding of the role of a medical dosimetrist.

COURSE OUTLINE:

Topics

1. Clinical concepts in radiation oncology
2. Treatment methods
3. New technologies
4. Treatment planning

COURSE REQUIREMENTS:

Attend clinical conferences or perform journal article summaries.

PREREQUISITES: A grade of “C” or better in RAD 545.

TEXTBOOKS: NA

GRADING SCALE:

90-100	A	Grades will be determined by: Timely Completion of Conference/Journal Article Summaries 100%
80-89	B	
70-79	C	
<70	Failing	

Late work will not be accepted. No credit will be awarded for work submitted after the deadline.

Note: An overall GPA of 3.0 or greater in all graduate coursework is required to successfully complete the Medical Dosimetry Program. This is a SIUC Graduate School Policy.