

Physics of Radiation Therapy

Syllabus, Schedule & Grading Scheme

UTMC Radiation Therapy Course MPHY 6180/8180 Spring 2015

Aim: To prepare the students for the profession of clinical physicist in radiation oncology department. Parts of the exams will be similar to the certification exam conducted by ABR.

Text Book: The Physics of Radiation Therapy, (Fourth or Fifth edition) by: Faiz Khan

The course will contain additional material not easily found in text books

Class Meeting Times: (Tuesdays 9:30-12:00 pm)

(Canceled lectures will be rescheduled)

Mid Term Exam: Per schedule

Final exam: Per Schedule

Homework: Assignments will be given in class.

Grading: The weight for homework and exams are listed below. The final grade will be determined based on relative performance of the class.

Homework: 40%

Exam 1: 30%

Exam 2: 30%

Week of Class	Chapters in Khan's Book	Date
1	1,2 and 3	Jan 13, 2015
2	3 & 4	1-20
4	4 & 5	1-27
5	6	2-3
6	7	2-10
7	8	2-17
8	8,9	2-24
9	9 & 10	3-3
10	Midterm thru Chp 9	3-5, or 3-6
	Week of Spring Break	3-10
11	10,11	3-17
12	11,12	3-24
13	12,13	3-31
14	13	4-7
15	12-13	4-14
16	14	4-17 or 4-18 (make up class)
17	14,15	4-21
18	16	4-28
19	Final Exam	5-5

EIP: 1/2015