

Physics of Radiation Therapy

Syllabus, Schedule & Grading Scheme

UTMC Radiation Therapy Course MPHY 618/818 Fall 2012

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 edition) by: Faiz Khan

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

Class Meeting Times: (Mondays 1:30-4:00 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	8-20-2012
2	3 & 4	8-27
3	Holiday	9-3; Labor Day
4	4 & 5	9-5, 6, or 7 (Makeup class)
5	6	9-10
6	7	9-17
7	8	9-24
8	8,9	10-1
9	9 & 10	10-8
10	Midterm thru Chp 9	10-15
11	10,11	10-17, 18, or 19 (makeup day)
12	11,12	10-22
13	12,13	10-29 (ASTRO wk)
14	13	11-5
15	12-13	11-7, 8, or 9 (makeup class)
16	14	11-12
17	14,15	11-19
18	16	11-26
19	Final Exam	12-3

EIP: 8/2012