

# Physics of Radiation Therapy

## Syllabus, Schedule & Grading Scheme

UTMC Radiation Therapy Course MPHY 6180/8180 Spring 2018

**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 1:30 - 3:45 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 16, 2017
2	3 & 4	1-23
4	4 & 5	1-30
5	6	2-6
6	7	2-13
7	8	2-16 (Friday - Make up)
8	8,9	2-20
9	9 & 10	2-27
10	Midterm thru Chp 9	3-2 (Friday)
	Week of Spring Break	3-6
11	10,11	3-13
12	11,12	3-20
13	12,13	3-27
14	13	4-3
15	12-13	4-10
16	14	4-13 (Friday - make up class)
17	14,15	4-17
18	16	4-24
19	<b>Final Exam</b>	5-1

EIP: 1/2018