

# Physics of Radiation Therapy

## Syllabus, Schedule & Grading Scheme

UTMC Radiation Therapy Course MPHY 6180/8180 Spring 2020

**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 21, 2020
2	3 & 4	1-28
3	4 & 5	2-04
4	6	2-07 (Makeup Class)
5	7	2-11
6	8	2-18 (JB)
7	9	2-21 (Makeup Class)
8	Midterm thru Chp 9	2-25
9	10	3-03
10	Week of Spring Break	3-10
11	10,11	3-13 (Makeup Class)
12	11,12	3-17
13	12,13	3-24
14	13	3-31
15	14	4-07
16	14,15	4-14
17	16	4-21
18	<b>Final Exam</b>	<b>4-28</b>

EIP: 1/2020