

Course Content

<i>Classes begin Mon, Jan 4, 2021</i>			
	Thursday, Jan 7	Marija Popovic	Mandatory Introduction
1	S, Jan 9 S, Jan 10	Marija Popovic	Intro to linac and essential daily quality control
2	S, Jan 16 S, Jan 17	Michael Evans	3D Beam data measurement in water tank
3	S, Jan 23	Laurie Archambault Christophe Furstoss	Clinical reference dosimetry
4	S, Jan 30 S, Jan 31	Piotr Pater	Dosimetry of small static fields
Lab 1 due Friday, February 12, 2021 (12 days)			
5	S, Feb 20 S, Feb 21	Nada Tomic	Basic workflow in IGRT
<i>Reading week, Mon-Fri, Mar 1-5</i>			
6	S, Feb 27 S, Feb 28	Monica Serban	Treatment Planning I (3D-CRT)
7	S, Mar 13 S, Mar 14	Tanner Connell	Treatment Planning II (IMRT)
8	S, Mar 20 S, Mar 21	Liheng Liang	Patient Specific QA
Lab 2 due Friday, April 6, 2021 (16 days)			
<i>Exams, Mon Apr 15 – Tue Apr 29</i>			

Evaluation

Each lab will take up to 3.5 hours to complete.

The final grade will be based on:

- Lab report for labs 1-4: 20%
- 8 pre-lab exercises and in-lab participation: 40% and 10%, respectively
- Lab report for labs 5-8: 30%