

No	Date	Lecture	Faculty
1	Tuesday, October 07, 2008	Atomic & Nuclear Structure	H Zhao
2	Tuesday, October 14, 2008	Radioactivity and Decay	B Wang
3	Tuesday, October 21, 2008	Production of X-rays	H Zhao
4	Tuesday, October 28, 2008	Attenuation of photon beam	M Szegegi/ B.Salter
5	Tuesday, November 04, 2008	Photon interaction in matter I	M Szegegi/ B.Salter
6	Tuesday, November 11, 2008	Photon interaction with matter II	M Szegegi/ B.Salter
7	Tuesday, November 18, 2008	Interaction of particulate radiation I	H Zhao
8	Tuesday, November 25, 2008	Interaction of particulate radiation II	H Zhao
9	Tuesday, December 02, 2008	Linear accelerators	J Moeller
10	Tuesday, December 09, 2008	Collimation system, other teletherapy	M Szegegi/ B.Salter
11	Tuesday, December 16, 2008	Beam Quality, teletherapy	P Rassiah
12	Tuesday, December 23, 2008	Dose quantities and units	B Wang
13	Tuesday, December 30, 2008	Radiation measurement: Dose, kerma	B Wang
14	Tuesday, January 06, 2009	Ionization chambers	H Zhao
15	Tuesday, January 13, 2009	Quiz 1	P Rassiah
	Tuesday, January 20, 2009	No class: MLK	
16	Tuesday, January 27, 2009	Calibration 1: Photon beams	P Rassiah
17	Tuesday, February 03, 2009	Calibration 2: Electron beams	P Rassiah
18	Tuesday, February 10, 2009	Other methods of measurement	P Rassiah
19	Tuesday, February 17, 2009	X-Beam Dosimetry Concepts:	P Rassiah
20	Tuesday, February 24, 2009	mu calculation:	B Wang
21	Tuesday, March 03, 2009	mu calculation:	B Wang
22	Tuesday, March 10, 2009	Treatment plan to calculation	P Rassiah
23	Tuesday, March 17, 2009	Surface Corrections & heterogeneities	H Zhao
24	Tuesday, March 24, 2009	Adjoining fields: cranio-spinal	H Zhao
25	Tuesday, March 31, 2009	Special dosimetry: pace maker, gonadal	H Zhao
26	Tuesday, April 07, 2009	Electron beam characteristics	B Wang
27	Tuesday, April 14, 2009	Treatment planning with electrons	B Wang
28	Tuesday, April 21, 2009	Electron Field matching, other problems	B Wang
29	Tuesday, April 28, 2009	Quiz 2	P Rassiah
30	Tuesday, May 05, 2009	Computerised treatment planning	P Rassiah
31	Tuesday, May 12, 2009	External beam QA overview	P Rassiah
32	Tuesday, May 19, 2009	Linac QA	P Rassiah
	Tuesday, May 26, 2009	No class: Memorial day	
33	Tuesday, June 02, 2009	Radiation protection	J Moeller
34	Tuesday, June 09, 2009	Regulations	J Moeller
35	Tuesday, June 16, 2009	Radiation Shielding	J Moeller
36	Tuesday, June 23, 2009	Imaging in radiation Oncology I - Film -	M Szegegi/ B.Salter
37	Tuesday, June 30, 2009	Imaging in radiation Oncology II - MRI	M Szegegi/ B.Salter