

**Physics Lecture Schedule
2019 – 2020 7am-8am**

Date	Topic	Lecturer
8/26/19	Intro and Fundamentals, Atomic Structure	NB
9/3/19 (Tues)	Intro and Fundamentals, Atomic Structure	NB
9/9/19	Charged Particle Interactions	NB
9/16/19	ASTRO	
9/23/19	Photons Interactions, Dose, Kerma	YP
9/30/19	Photons Interactions, Dose, Kerma	YP
10/7/19	Dose Ratios and MU Calculations	JP
10/14/19	Dose Ratios and MU Calculations	JP
10/21/19	kV Dosimetry	YP
10/28/19	Treatment Planning: Classical, 3DCRT	SL
11/4/19	Treatment Planning: Classical, 3DCRT	SL
11/11/19	Treatment Planning: Classical, 3DCRT	SL
11/18/19	EXAM 1 WEEK	
11/25/19	THANKSGIVING	
12/2/19	Radioactive Decay	MZ
12/9/19	Radiation Generators and Accelerators	CK
12/16/19	Radiation Generators and Accelerators	CK
12/23/19	CHRISTMAS Eve	
12/30/19	NEW YEAR'S Eve	
1/6/20	Proton, Heavy Ion, and Neutron Therapy	MZ
1/13/20	Radiation Measurements, Detections and Calibrations	MZ
1/20/20	MLK Day	
1/27/20	Radiation Measurements, Detections and Calibrations	MZ
2/3/20	Electron Beams	SM
2/10/20	Electron Beams	SM
2/17/20	Brachytherapy	AG
2/24/20	Brachytherapy	AG
3/2/20	Brachytherapy	AG
3/9/20	EXAM 2 WEEK	
3/16/20	Patient Setup, Simulation and Segmentation	PS
3/23/20	Patient Setup, Simulation and Segmentation	PS
3/30/20	Imaging for Radiation Therapy	NL
4/6/20	Imaging for Radiation Therapy	NL
4/13/20	Imaging for Radiation Therapy	NL
4/20/20	Rad Protection/Shielding & QA	SB
4/27/20	Rad Protection/Shielding & QA	SB
5/4/20	SRS, SBRT & Special Procedures	SC

5/11/20	SRS, SBRT & Special Procedures	SC
5/18/20	Dose Calculation Algorithms	HX
5/26/20 (Tues)	IMRT and optimization	HX
6/1/20	EXAM 3 WEEK	