## Physics Lecture Schedule (Virtual) 2024 – 2025 WEDNESDAYS 7am-8am

9/11/2024 9/18/2024 9/25/2024 P/25/2024 P/25/2024 P/25/2024 P/26/2025 3/5/2025 P/25/2025	Charged Particle Interactions Photons Interactions, Dose, Kerma Photons Interactions, Dose, Kerma No class for the WEEK OF ASTRO Cadioactive Decay Cadiation Generators and Accelerators Cadiation Measurements, Detections and Calibrations Cadiation Measurements, Detections and Ca
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3/19/2025 Se	RS, SBRT & Special Procedures (e.g. TBI, IORT, BetaCath)
3/19/2025	TAKE HOME EXAM 2 – WEEK OFF
2/25/2025 D	econd Q&A (7:30 – 8 am)
3/26/2025 R	and Protection/Shielding/Safety/Regulation
	Brachytherapy
	Brachytherapy
	Brachytherapy
	Iyperthermia physics
	Artificial Intelligence and Machine Learning
	Proton, Heavy Ion, and Neutron Therapy
	roton, Heavy Ion, and Neutron Therapy
	Medical error and failure mode analysis
	TAKE HOME EXAM 3 – WEEK OFF
6/4/2025 F	Final 30min Q&A (7:30 – 8 am)