Calendar of Topics

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MONDAY	WEDNESDAY	FRIDAY
1/21 16.0-16.3 Charge, F_E and F_G, Remembering Forces	1/23 16.4-16.5 Force Fields: Electric and Gravitational	1/25 16.6-16.7 Conductors & Gauss' Law
1/28 17.0-17.4 Electric Potential Energy and Potential Difference	1/30 17.4-17.5 Energy & Capacitance	2/1 17.6-17.7 Dielectrics & Energy Storage
2/4 18.0-18.3 Electric Currents	2/6 18.4-18.4 Resistance & Resistivity	2/8 18.5-18.7 Resistors and Kirchhoff's Rules
2/11 18.8-18.11 Power & Energy in Circuits	2/13 16, 17, 18 Catch-up & Review	2/15 16, 17, 18 Exam 1
2/18 19.0-19.2 Magnetic Fields	2/20 19.3-19.5 Particles in Magnetic Fields	2/22 19.6-19.7 Wires in Magnetic Fields
2/25 19.8-19.9 Magnetic Fields due to Currents	2/27 20.0-20.4 Magnetic Induction: Faraday & Lenz	2/29 20.5-20.8 Transformers, Motors & Generators
3/3 21.0-21.2 AC Basics	3/5 22.0, 22,4-22.5 Electromagnetic Waves	3/7 22.6-22.9 EM Waves: Energy, Polarization, Doppler
3/10 19, 20, 21, 22 Catch-up & Review	3/12 19, 20, 21, 22 Exam 2	3/14 22.0, 22,4-22.5 Electromagnetic Waves
3/17 ←	3/19 Vernal Equinox 4/20 12:48 am SPRING BREAK	3/21 →
3/24 22.6-22.9 EM Waves: Energy, Polarization, Doppler	3/26 23.2-23.4 Reflection and Refraction	3/28 23.6,23.8,23.9 Image Formation
3/31 Ch. 24 Optical Instruments and the Eye	4/2 25.0-25.1, 25.4 Interference	4/4 25.4, 25.6-25.8 Diffraction & Resolution
4/7 26.0-23.3 Postulates of Relativity & Time Dilation	4/9 26.4-26.8 Length Contraction, Momentum & Energy	4/11 27.0-27.3 The Planck Curve & Photoelectric Effect
4/14 27.6-27.7, 28.0 – 28.3 Spectroscopy, The Bohr Model & Wave-Particle Duality	4/16 23, 24, 25, 26, 27, 28 Catch-up & Review	4/18 23, 24, 25, 26, 27, 28 Exam 3
4/21 28.9 Lasers	4/23 28.4, 28.7 Nuclear Physics and Radioactive Decay	4/25 29.0-29.2 Nuclear Structure, Binding Energy
4/28 29.3-29.5 Radiation and Matter	4/30 29.6-29.8 Nuclear Fission & Fusion	5/2 Review & Wrap-up

FINAL EXAM

Wednesday, May 7, 1:30 PM

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