

Date	Topic	Chapter	Assignments
1-18 M	Electric Charge; Conductors and Insulators	16.1-2	#1 A
1-20 W	Coulomb's Law; The Electric Field	16.3-4	
1-22 F	Motion of a particle in an E-field; Conductors in electrostatic Equilibrium	16.5-6	quiz 1
1-25 M	Electric Potential Energy; Electric Potential	17.1-2	#1 (1), #2 A
1-27 W	E-field and Potential; Conservation of Energy	17.3-4	#1 (2)
1-29 F	Capacitors; Dielectrics; Energy stored in C	17.5-7	quiz 2
2-1 M	electric Current; Emf and circuits, Resistance	18.1-2,4	#3 A, #2 (1)
2-3 W	Kirchoff's rules; series and parallel circuits	18.5-6	#2 (2)
2-5 F	circuit analysis; power and energy	18.7-8	quiz 3
2-8 M	RC circuits; electrical safety	18.10-11	#3 (1)
2-10 W	Review		#3 (2)
2-12 F	Exam 1: Chapter 16-18		quiz 4
2-15 M	Magnetic Fields; Magnetic Force on a point charge	19.1-2	#4 (A)
2-17 W	Moving charge in B-field	19.3-4	
2-19 F	a moving charge in E and B fields	19.5	quiz 5
2-22 M	magnetic force on a current carrying wire; torque on a current loop;	19:6-7	#5A, #4 (1)
2-24 W	B-field due to current; Motional EMF;	19.8, 20.1	#4 (2)
2-26 F	electric generators; Faraday's Law	20.2-3	quiz 6
3-1 M	Lenz Law; Transformers	20.4,6	#6A, #5(1)
3-3 W	Lenz Law again; Eddy Currents; Induced E-field	20.4,7,8	#5 (2)
3-5 F	Electromagnetic Waves; EM spectrum; speed	22.1,3,4	quiz 7
3-8 M	Spring Break		

3-15 M	polarization	22.7	#6(1)
3-17 W	Review		#6 (2)
3-19 F	Exam 2 Chapter 19-20		
3-22 M	reflection, refraction, total internal reflection; Brewster's angle;	23.2-5	#7A
3-24 W	Image formation reflection and refraction	23.6-7	
3-26 F	spherical mirrors	23.8	quiz 8
3-29 M	thin lenses	23.9	#8A, #7(1)
3-31 W	interference; thin films; double slit	25.1,3,4	#7(2)
4-2 F	gratings; diffraction	25.5-9	quiz 9
4-5 M	Nuclear Structure; Binding Energy	29.1-2	#9A, #8 (1)
4-7 W	Radioactivity; Radioactive Decay	29.3-4	#8(2)
4-9 F	Biological Effects; fission and fusion	29.5-8	quiz 10
4-12 M	Postulates of Relativity; Simultaneous observers	26.1-2	#9(1)
4-14 W	Review		#9(2)
4-16 F	Exam 3 Chapters 22,23,25,29		
4-19 M	time dilation; length contraction	26.3-4	#10A
4-21 W	velocity transformation	26.5	
4-23 F	quantization; Photoelectric effect; x-ray production	27.1,3,4	quiz 11
4-26 M	models of the atom; Bohr model of Hydrogen	27.6-7	#10(1)
4-28 W	wave particle duality; matter waves; Electron microscopes; uncertainty principle	28.1-4	#10(2)
4-30 F	Review		quiz 12