

Class	Date	Text	Topics	Exams	Labs	
1	M	Aug 26	17.1–2	sound waves		
2	W	Aug 28	17.3–4	decibels, Doppler		
3	F	Aug 30	17.5–6	interference, standing Waves	Elec. Instruments	
4	M	Sep 2	18.1–3	Coulomb forces	QUIZ 1	
5	W	Sep 4	18.4–8	electric fields		
6	F	Sep 6	19.1–4	electrical potential	QUIZ 2	Sound Waves
7	M	Sep 9	19.4–6	capacitors, combinations		
8	W	Sep 11	19.6–7	energy, current	QUIZ 3	
9	F	Sep 13	20.1–3	current, resistance, Ohms Law		Equipotentials
10	M	Sep 16	20.4–5	electric power, AC/DC		
11	W	Sep 18	21.1–3	resistor combinations, emf		
12	F	Sep 20	21.3, 6	Kirchhoff, <i>RC</i> circuits		DC Circuits
13	M	Sep 23	17–21	Review	QUIZ 4	
14	W	Sep 25	17–21	Sound & Electricity	Exam I	
15	F	Sep 27	22.1–5	magnetic force, field		
Free Days: Monday, Tuesday						
16	W	Oct 2	22.7–11	electromagnetism		
17	F	Oct 4	23.1–4	induction, Faraday, Lenz		Magnetic Fields
18	M	Oct 7	23.5–9	generators, transformers, inductors	QUIZ 5	
19	W	Oct 9	23.10–11	<i>RL</i> circuits		
20	F	Oct 11	23.11–12	reactance, <i>RLC</i> circuits		AC Circuits
21	M	Oct 14	24.1–4	electromagnetic waves, spectrum	QUIZ 6	
22	W	Oct 16	25.1–5	rays, reflection & refraction		
23	F	Oct 18	25.6	images from lenses		
24	M	Oct 21	25.7	images from mirrors	QUIZ 7	
25	W	Oct 23	26.1–3	simple magnifiers, eye		
26	F	Oct 25	26.4–6	microscope, telescope		Lenses
27	M	Oct 28	22–26	Review	QUIZ 8	
28	W	Oct 30	22–26	Circuits & Geometrical Optics	Exam II	
29	F	Nov 1	27.1–3	interference, 2 slits		
30	M	Nov 4	27.4–6	<i>N</i> slits, 1 slit diffraction		
31	W	Nov 6	27.8–8	thin films & polarization	QUIZ 9	
32	F	Nov 8	28.1–6	special relativity		Diffraction
33	M	Nov 11	29.1–4	blackbodies & photons		
34	W	Nov 13	29.5–8	quantum mechanics	QUIZ 10	
35	F	Nov 15	30.1–3	Bohr's atom		Photoelectric Effect
36	M	Nov 18	30.4–5	X-rays & transitions		
37	W	Nov 20	30.6–9	quantum numbers & periodic table		
38	F	Nov 22	31.1–4	nucleus, radioactive decay	QUIZ 11	
39	M	Nov 25	31.4–6	half-life, binding energy		
Thanksgiving Break: Wednesday–Friday						
40	M	Dec 2	27–31	Review	QUIZ 12	
41	W	Dec 4	27–31	Wave Optics & QM	Exam III	
42	F	Dec 6	32.1–6	nuclear applications		Nuclear Radiation
43	M	Dec 9	17–32	Review		
	R	Dec 12	ALL	Final Exam (3:30 P.M.)		