

Week 11

11/11	Interference of light	27.1-4
11/13	Diffraction, Special relativity	27.5-10, 28.1-8
<i>Lab</i>	Lenses	

Week 12

11/18	Photoelectric effect, Compton effect, Wave/particle duality	29.1-7
11/20	Atomic Physics	30.1-8,11
<i>Lab</i>	Interference of Light	

Week 13

11/25	Nuclear Physics, Review	31.1-10
11/27	THANKSGIVING BREAK—no class	
<i>Lab</i>	Diffraction	

Week 14

12/02	Nuclear reactions, Elementary particles	32.1-6
12/04	Exam 3	Chs. 26-30
<i>Lab</i>	Atomic Spectra	

Week 15

12/09	Cosmology, Noether's principle	32.7-8
<i>Lab</i>	LAB EXAM: open book, open note, practical component	

FINAL EXAM: Tuesday, December 16, 2003, 4:15 to 6:45 P.M.—closed book, 4 index cards allowed, comprehensive

Version 1.0