

Revised CALENDAR (2/18/09):

In addition to course topics and quiz/exam dates, each day shows the chapter and section (e.g., 3.1) that you should be reading in the text. Numbers on quizzes refer to the chapters being covered by that particular quiz.

	Monday	Tuesday	Wednesday	Thursday	Friday	Lab topic:
Week VII	16 Holiday	17 Electromagnetic induction (Ch 20)	18 Faraday's and Lenz's Laws (Ch 20)	19 Electromagnetic waves (Ch 22)	20 Polarization and Doppler effect (Ch 22)	Magnetic Field
Week VIII	23 AC Circuits (Ch 21)	24 AC Circuits (Ch 21)	25 Review Quiz 20-21	26 Faraday, Lenz, Maxwell, and the wave of E & B . (Ch 22)	27 Faraday, Lenz, Maxwell, and the wave of E & B . (Ch 22)	AC Circuits
Week IX	March 2 Reflection and Refraction (Ch 23)	3 Review	4 EXAM II Chapters 19 – 22 and labs	5 Reflection and Refraction (Ch 23)	6 Thin lenses, etc. (Ch 23)	Refraction of Light
SPRING BREAK						
Week X	16 Mirrors, etc. (Ch 23)	17 Optical instruments (Ch 24)	18 Review Quiz 23-24	19 Diffraction and superposition (Ch 25)	20 Michelson interferometer Thin films (Ch 25)	Thin Lenses
Week XI	23 Slits and Diffraction gratings (Ch 25)	24 Intro of Special Relativity. (Ch 26)	25 Review Quiz 25	26 Derivation of Special Relativity. (Ch 26)	27 Implications of Special Relativity. (Ch 26)	Diffraction and Interference
Week XII	30 Quantization (Ch 27)	31 Review	April 1 EXAM III Chapters 23-26 and labs	2 Photoelectric effect (Ch 27)	3 The Bohr atom (Ch 27)	The Photoelectric Effect
Week XIII	6 Wave particle duality (Ch 28)	7 deBroglie waves and the atom (Ch 28)	8 Uncertainty principle (Ch 28)	9 Hydrogen, tunneling and other applications (Ch 28)	10 Review Quiz 27-28	Atomic Spectroscopy
Week XIV	13 Nuclear structure (Ch 29)	14 Binding energy (Ch 29)	15 Nuclear reactions (Ch 29)	16 Review	17 EXAM IV Chapters 27-29	Radioactivity
Week XV	20 Particle physics: Why we should care (Ch 30)	21 Particle physics: Unification of all laws? (Ch 30)	22 The rest of what we do not know. (Ch 30)	23 The future of all physics?	24 Final review.	Practical Exam
Finals	27	28	29 Final Exam 7:00 – 9:00 AM	30	May 1 <i>College of Science Commencement</i>	NO LABS