

Syllabus

PHYSICS 104 - SPRING 1995			
Text:	Serway and Faughn, College Physics 3rd edition		
DATE	CHAPTER	HOMEWORK (due date)	LAB
1 M Jan 23	Ch16: Electric Forces and Electric Fields		no lab
2 W Jan 25	Ch16		
3 F Jan 27	Ch16		
4 M Jan 30	Ch17: Electric Energy and Capacitance		E2: Electric Fields
5 W Feb. 1	Ch17		
6 F Feb. 3	Ch17		
7 M. Feb. 6	Ch 18: Currents		E1: Electrostatics
8 W Feb. 8	Ch 18 ; Ch19: Direct Current Circuits		
9 F Feb. 10	Ch 19		
10 M Feb. 13	Ch 19		E4: DC Circuits
11 W Feb. 15	Ch 20: Magnetism		
10 F Feb. 17	REVIEW		
EXAM 1: Ch 16-20 (7:15 am - 1:15 pm)			
11 M. Feb. 20	Ch 20		E6: e/m of electron
12 W. Feb. 22	Ch 20		
13 F Feb. 24	Ch 21: Inductance		
14 M Feb. 27	Ch 21		E7: Induction
15 W March 1	Ch 21		
16 F March 3	Ch 22: Alternating Current Circuits		
17 M March 6	Ch 22		E8: Oscilloscope
18 W March 8	Ch 22		
19 F March 9	Ch 23. Electromagnetic Waves		
SPRING RECESS MARCH 11 - 18			
21 M March 20	Ch 24 Reflection and Refraction		E9A: AC Circuits
22 W March 22	Ch 24		
23 F March 24	REVIEW		
EXAM 2: Ch 20-24 (7:15 am - 1:15 pm)			
24 M March 27	Ch 25. Mirrors and Lenses		E9B: RLC Resonance
25 W March 29	Ch 25		
26 F March 31	Ch 26: Wave Optics		
27 M April 3	Ch 26		L2: Lenses
28 W April 5	Ch 27. Optical Instruments		
29 F April 7	Ch 27		
30 M April 10	Ch 27		L1: Diffraction
31 W April 12	Ch 28. Relativity		
32	GOOD FRIDAY RECESS		
33 M April 17	Ch 28		L3: Telescope and Microscope
34 W April 19	Ch 29. Quantum Physics		
35 F April 21	REVIEW		
EXAM 3: Ch 25-29 (7:15 am - 1:15 pm)			
36 M April 24	CH 29		L4: Eye
37 W April 26	CH 29		
38 F April 28	Ch 30. Atomic Physics		
39 M May 1	Ch 30		L5 Spectrum of Hydrogen
40 W May 3	Ch 30		
41 F May 5	Ch 32. Nuclear Physics		
42 M May 8	Ch 32		N2: Radioactivity
43 W May 10	Ch 32		
44 F May 12	REVIEW		
EXAM 4: Ch 27-30 (8:15 am - 1:45 am)			