

Syllabus

PHYSICS 104 - FALL 1995				
TEXT: Jones & Childers, Contemporary College Physics, 2nd Edition				
	DATE	CHAPTER	HOMEWORK (due date)	LAB
1	W Sept. 6	Ch. 16: Electric Charge and Electric Field		no lab
2	F Sept. 8	Ch. 16		
3	M Sept. 11	Ch. 16		E2: Electric Fields
4	W Sept. 13	Ch. 17: Electric Potential and Capacitance		
5	F Sept. 15	Ch. 17		
6	M Sept. 18	Ch. 17		E1: Electrostatics
7	W Sept. 20	Ch. 18: Electric Current and Resistance		
8	F Sept. 22	Ch. 18		
9	M Sept. 25	Ch. 18		E4: DC Circuits
10	W Sept. 27	Ch. 19: Magnetism		
11	F Sept. 29	Ch. 19		
12	M Oct. 2	Ch. 19		E6: e/m of Electron
13	W Oct. 4	Ch. 20: Electromagnetic Induction		
	F Oct. 6	EXAM 1, Ch. 16-18		
14	M Oct. 9	Ch. 20		E7: Induction
15	W Oct. 11	Ch. 20		
16	F Oct. 13	Ch. 21: Alternating - Current Circuits		
17	M Oct. 16	Ch. 21		E8: Oscilloscope
18	W Oct. 18	Ch. 21		
19	F Oct. 20	Ch. 22: Geometrical Optics		
20	M Oct. 23	Ch. 22		E9A: AC circuits
21	W Oct. 25	Ch. 22		
	F Oct. 27	EXAM 2, Ch. 19 - 21		
22	M Oct. 30	Ch. 23: Optical Instruments		E9B: RLC Resonance
23	W Nov. 1	Ch. 23		
24	F Nov. 3	Ch. 23		
25	M Nov. 6	Ch. 24: Wave Optics		L2: Lenses
26	W Nov. 8	Ch. 24		
27	F Nov. 10	Ch. 24		
28	M Nov. 13	Ch. 26: The Discovery of Atomic Structure		L3: Optical Instruments
29	W Nov. 15	Ch. 26		
30	F Nov. 17	Ch. 26		
31	M Nov. 20	Ch. 27: Origins of the Quantum Theory		No Lab
32	W Nov. 22	Ch. 27		
	Nov. 23 - 26	Thanksgiving Recess		
33	M Nov. 27	Ch. 27		L1: Diffraction
34	W Nov. 29	Ch. 28: Quantum Mechanics		
	F Dec. 1	EXAM 3, Ch. 22 - 24		
35	M Dec. 4	Ch. 28		L5: Hydrogen Spectrum
36	W Dec. 6	Ch. 28		
37	F Dec. 8	Ch. 29: The Nucleus		
38	M Dec. 11	Ch. 29		N2: Radioactivity
39	W Dec. 12	Ch. 29		
40	F Dec. 15	REVIEW		
	W Dec. 20	FINAL EXAM		