DATE	LECTURE TOPIC	HOMEWORK	DUE
Jan 13	Elementary Mechanics Review	See Handout (HW 1)	Jan 22
Jan 15	Electrical Charge and Force	Ch. 15 Ex. 5, 6 18, 20, 25, 26 (HW 1)	Jan 22
Jan 20	Holiday (M.L. King's Birthday)		
Jan 22	Electric Field	Ch. 15, Ex. 35, 36, 37, 41 (HW 2)	Jan 29
Jan 27	Electrical Energy and Potential	Ch. 15, Ex. 49, 54, 58, 62 (HW 3)	Feb 5
Jan 29	Electric Current and Power	Ch. 16, Ex. 11, 27, 49, 50, 58, 65 (HW 3)	Feb 5
Feb 3	Magnetism and Electromagnetism	Ch. 18, Ex. 6, 8, 10, 16, 18 (HW 4)	Feb 12
Feb 5	Magnetic Force on a Moving Charge	Ch. 18, Ex. 50, 51, 61, 62, 66 (HW 4)	Feb 12
Feb 10	Review	Chaps. 15, 16 & 18	
Feb 12	Test 1	Chaps. 15, 16 & 18	
Feb 17	Test 1 Explanation		
Feb 19	Electromagnetic Induction I	Ch. 19, Ex. 12, 13, 14, 22 (HW 5)	Feb 26
Feb 24	Electromagnetic Induction II Electromagnetic Waves	Ch. 19, Ex. 31, 34, 68, 70 (HW 6)	Mar 5
Feb 26	Geometrical Optics I	Ch. 21, Ex. 3, 8, 9, 20, 24, 44 (HW 6)	Mar 5
Mar 3	Geometrical Optics II	Ch. 21, Ex. 38, 42, 47 (HW 7)	Mar 19
Mar 5	Mirrors	Ch. 22, Ex. 6, 10, 20, 26, 34 (HW 7)	Mar 19
Mar 10	Spring Break		
Mar 12	Spring Break		

DATE	LECTURE TOPIC	HOMEWORK	DUE
Mar 17	Lenses	Ch. 22, Ex. 46, 50, 54, 58 (HW 8)	Mar 26
Mar 19	Wave Nature of Light	Ch. 23, Ex. 10, 12, 14, 22, 26, 30 (HW 8)	Mar 26
Mar 24	Diffraction and Polarization	Ch. 23, Ex. 34, 40, 44 (HW 9)	Apr 2
Mar 26	More Diffraction and Polarization		Apr 2
Mar 31	Review for Test 2	Chaps. 19, 21, 22 & 23	
Apr 2	Test 2	Chaps. 19, 21, 22 & 23	
Apr 7	Test 2 Explanation		
Apr 9	Quantum Nature of Light	Ch. 26 Ex. 16, 20, 30, 42 (HW 10)	Apr 16
Apr 14	Bohr Model of Hydrogen	Ch. 26, Ex. 44, 48, 52, 58 (HW 11)	Apr 23
	Heisenberg Uncertainty Principle		
Apr 16	Wave-Particle Duality	Ch. 27, Ex. 4, 14, 34, 40 (HW 11)	Apr 23
Apr 21	Review for Test 3	Chaps. 26, 27, 28 & 29	
Apr 23	Test 3	Chaps. 26, 27, 28 & 29	
Apr 28	Test 3 Explanation		
Apr 30	Special Topics		

Final Examination: 123 FS 11:30 a.m. – 2:30 p.m. Wednesday, 7 May 1997