			Phys102 Calendar (2012 Summer)	
WK	Date	Lecture	Topics	Ref
1	Mon 5/7	1	Course introduction, Coulomb's law	16-1,2,3,4,5,6.
	Wed 5/9	2	Eletric fields, conductors	16-7,8,9
	Fri 5/11	3	Gauss's Law, Vectors	16-10.
2	Mon 5/14	4	Dipoles, Electric forces in molecular biology	16-11, +.
	Wed 5/16	5	Electric potential	17-1,2,3,4,5,6,+.
	Fri 5/18	6	Capacitance, dielectrics	17-7,8,9,10+.
3	Mon 5/21		Victoria Day.	
	Wed 5/23	7	The electrocardiogram, examples	17-11
	Fri 5/25	8	Examples	
4	Mon 5/28	9	Electric currents and resistance	18-1,2,3,4,5,6,7.
	Wed 5/30	10	DC circuits	19-1,2,5.
	Fri 6/1	11	RC circuits	19-5,6.
5	Mon 6/4	12	Kirchhoff's Rules	19-3
	Wed 6/6	13	Magnetic fields	20-1,2,3,4.
	Fri 6/8	14	Source of magnetic field, Ampere's law.	20-5,6,7,+.
6	Mon 6/11	15	Torque, magnetic dipole, mass spectrometer	20-9,11.
	Wed 6/13	16	Examples	
	Fri 6/15		Midterm#1	
7	Mon 6/18	17	Faraday's law, transformers	21-1,2,3,4,5,6,7.
	Wed 6/20	18	Examples	
	Fri 6/22	19	Electromagnetic waves	22-1,2,3
8	Mon 6/25	20	Light, reflection, mirrors	23-1,2,3
	Wed 6/27	21	Refraction.	23-4,5,6.
	Fri 6/29	22	Thin lenses	23-7,8,9.
9	Mon 7/2	23	Statutory holiday in lieu of Canada Day.	
	Wed 7/4	24	The human eye, compound microscope	25-2,3,4,5.
	Fri 7/6	25	Examples	
10	Mon 7/9	26	Interference of light	24-1,2,3,8*.
	Wed 7/11	27	Diffraction of light	24-5,6,+.
	Fri 7/13	28	Resolution of optical instruments	25-7,8,9.
11	Mon 7/16	29	Diffraction grating, spectrometer, polarization.	24-6,7,10.
	Wed 7/18	30	Examples	
	Fri 7/20		Midterm #2	
12	Mon 7/23	31	Structure and properties of the nucleus	30-1,2,3,4,5.
	Wed 7/25	32	Radioactivity	30-6,7,8,9,10,11.
	Fri 7/27	33	Radioactivity	30-6,7,8,9,10,11.
13	Mon 7/30	34	Examples	
	Wed 8/1	35	Review	
	Fri 8/3	36	Review	
	Mon 8/13		Final Exam (8:30-11:30am).	