PHYS 2426
Engineering Physics II
TTh - Summer 2013
Instructor: Dr. Michael McGraw
LECTURE AND LAB SCHEDULE - Revised 6/5/2013

WK	DAY	LECTURE-CHAP	COMMENTS	LAB EXPERIMENT	DUE DATE
1	T-5/28	21	Electric Charge	1 - Electrical Measurements	6/4
1	Th-5/30	21	Electric Charge	2 - Electrostatics	6/6
2	T-6/4	22 & 23	E-Field & Gauss	3 - Electric Field Mapping	6/11
2	Th-6/6	24	Electric Potential	4 - Series and Parallel Capacitors	6/13
3	T-6/11	24	Electric Potential	5 - Ohm's Law	6/18
3	Th-6/13	25	Capacitors	6 - Series and Parallel Resistors	6/20
4	**T-6/18**	**EXAM I**	**Chap 21-25**	**EXAM I**	
4	Th-6/20	26 & 27	Electric Current and DC Circuits	7 - Charging and Discharging of Capacitors	6/27
5	T-6/25	28	Magnetic Fields	8 - Electron Charge to Mass Ratio	7/2
5	Th-6/27	29	Sources of Magnetic Fields	9 - Magnetic Field of the Earth	7/9
6	T-7/2	**EXAM II**	**Chap 26-29**	**EXAM II**	
6	**Th-7/4**	**4th of July - No Class**			
7	T-7/9	30	Magnetic Induction	10 - Electromagnetic Induction	7/16
7	Th-7/11	30	Magnetic Induction		
8	T-7/16	31	AC Circuits	11 - Oscilloscopes	7/23
8	Th-7/18	31	AC Circuits	12 - RLC Series Circuit	7/25
9	T-7/23	32	Maxwell's Eqn.	Review	
9	**Th-7/25**	**EXAM III**	**Chap 30-31**	**EXAM III**	
10	T-7/30	33	EM Waves	13 - Reflection and Refraction of Light	8/6
10	Th-8/1	34	Optical Images	14 - Thin Lens	8/8
11	T-8/6	35	Interference	15 - Line Spectra	8/13
11	Th-8/8	36	Diffraction	16 - Measurement of Wavelength of Light	8/13
12	**T-8/13**	**FINAL EXAM**	**Comprehensive**	**FINAL EXAM**	