

### Course Plan (tentative)

Week	Dates	Topics	R.A. *	HW
1	Aug 28	Electric Forces and Fields		
	Aug 30		18.1-6	
	Sep 1		18.7-11	1
2	Sep 4	No class, Labor day		
	Sep 6	Electric Potential	19.1-4	
	Sep 8		19.5-7	2
3	Sep 11	Electric Circuits	20.1-4	
	Sep 13		20.5-9	
	Sep 15		20.10-15	3
4	Sep 18	Magnetic forces and fields	21.1-5	
	Sep 20		21.6-7	
	Sep 22		21.8-10	4
5	Sep 25	Electromagnetic Induction	22.1-3	
	Sep 27		22.4-6	
	Sep 29		22.7-10	5
6	Oct 2	AC circuits	23.1-2	
	Oct 3	Midterm Sec. 02		
	Oct 4		23.3-4	
	Oct 5	Midterm Sec. 01		
	Oct 6		23.5-6	6
7	Oct 9	No class, Columbus day		
	Oct 11	Electromagnetic Waves	24.1-5	
	Oct 13		24.6-7	7
8	Oct 16	Reflection of light	25.1-3	
	Oct 18		25.4-5	
	Oct 20		25.6-7	8
9	Oct 23	Refraction of light and Optical Instruments	26.1-5	
	Oct 25		26.6-8	
	Oct 27		26.9-14	9
10	Oct 30	Light Waves, Interference	27.1-4	
	Nov 1		27.5-6	
	Nov 3		27.7-10	10
11	Nov 6	Special Relativity	28.1-3	
	Nov 8		28.4-5	
	Nov 10		28.6-8	11
12	Nov 13	Particles and Waves	29.1-3	
	Nov 15		29.4-5	
	Nov 17		29.6-7	12
13	Nov 20	Atoms	30.1-3	
	Nov 22		30.4-5,7-9,11	
	Nov 23,24	No class, Happy Thanksgiving		
14	Nov 27	Nuclear Physics	31.1-3	13
	Nov 29		31.4-5	
	Dec 1		31.7-10	14
15	Dec 4	Elementary Particles and Cosmology	32.1-5	
	Dec 6		32.6-8	
	Dec 11	FINAL EXAM		

\* R.A. (Reading Assignments): Section of each chapter from the book that you have to read before each lecture.