

Physics 209 S2013 Syllabus Details

Week	Monday	Wednesday	Friday	Lab
1	January 14 Ch. 1 Sect. 1.1-1.2	January 16 Ch. 1 Sect. 1.2-1.3	January 18 Ch. 2 Sect. 2.1-2.4	Install Qucs, P Spice
2	January 21 Ch. 2 Sect. 2.4-2.6	January 23 Ch. 2 Sect. 2.6-2.9	January 25 Ch. 2 Sect. 2.8-2.9	Exp. 1
3	January 28 Examples	January 30 Examples	February 1 Thermionic emission, Child-Langmuir Law, Vacuum diode, triode.	Exp. 2
4	February 4 Diode and triode circuits.	February 6 Diode and triode circuits, review.	February 8 Exam #1 Ch. 1-2	Exp. 3
5	February 11 Ch. 3 Semi-conductors, n and p type, band theory of solids. Sect. 3.1	February 13 Ch. 3 p-n junction, transistor characteristics. Sect. 3.2	February 15 Ch. 3 Sect. 3.2	Exp. 4
6	February 18 Examples	February 20 Ch. 4 Sect. 4.1-4.2	February 22 Ch. 4 Sect. 4.3-4.4	Exp. 4
7	February 25 Ch. 4 Sect. 4.4	February 27 Ch. 4 Sect. 4.4 Examples, review	March 1 Exam #2 Ch. 3-4	Exp. 5
	March 4 No class	March 6 No class	March 8 No class	No lab
8	March 11 Ch. 5 Sect. 5.1-5.3	March 13 Ch. 5 Sect. 5.4	March 15 Ch. 6 Sect. 6.1-6.3	Exp. 6
9	March 18 Ch. 6 Sect. 6.3-6.5	March 20 examples	March 22 Ch. 7 Sect. 7.1-7.3	Exp. 7
10	March 25 Ch. 7 Sect. 7.3	March 27 Ch. 7 Sect. 7.4	March 29 Ch. 7 Sect. 7.4	Exp. 7
11	April 1 Ch. 8 Sect. 8.1-8.2	April 3 Ch. 8 Sect. 8.3-8.4 Review	April 5 Exam #3 Ch. 5-8	Exp. 8
12	Apr. 8 Ch. 8 Sect. 8.5-8.6	Apr. 10 Ch. 8 Sect. 8.7-8.8	Apr. 12 Ch. 8 Sect. 8.9-8.11	
13	April 15 Ch. 8 Sect. 8.11-8.12	April 17 No class, COSA	April 19 Ch. 8 Sect. 8.13-8.14	
14	April 22 Problems	April 24 Communication	April 26 Problems	
15	April 29 Review	April 30 Reading day		

Update: 12/17/12