

Laboratory Schedule  
Phys 113L -- SPRING 2008

	Month	Week	Lab	Description
1	Jan.	21	9	The Oscilloscope (B&K 2120B)
2	Jan.	28	1	Electrostatics (Ch 16)
3	Feb.	4 <sup>2+</sup>	2	Electric Fields (Ch 16)
4	Feb.	11	3	Capacitance (Ch 17)
5	Feb.	18 <sup>1</sup>	4	Ohm's Law (Ch 18)
6	Feb.	25	7	Ammeters, Voltmeters, Shunts, and Multipliers (Ch 18)
7	March	3	11	Magnetic Force on a Wire (Ch 19)
8	March	10 <sup>1,2</sup>	10	Electron Charge to Mass Ratio (Ch 19)
	March	17		Spring Break
9	March	24+	6	Electric Motor and Generator (Ch 19)
10	March	31	13	Reflection and Refraction (Ch 23)
11	April	7 <sup>2</sup>	14	Lenses and Curved Mirrors (Ch 24)
12	April	14	16	Interference and Diffraction (Ch 25)
13	April	21 <sup>1+</sup>	19	Absorption of Nuclear Radiation(Ch 29)
14	April	28 <sup>2</sup>	21	Collisions, Probabilities, and Measurements**

Chapters (in parentheses) refer to the text: Giambattista, et al.: College PHYSICS 2<sup>nd</sup> Ed.

<sup>1</sup> Exams for Section 1 scheduled during these weeks.

<sup>2</sup> Exams for Section 2 scheduled during these weeks.

+ Event during this week (Dr. Walker talk, SD Science & Engineering Fair, EXPO).

\*\*Note: Lab 14 is the make-up lab. Only one lab may be made up, the last lab is only for those who had to miss one other of the 13 labs or want extra credit (= 1/2 score). Lab scores are based on 13 lab scores so completing fewer than 13 will severely impact your grade. You must, however, complete 11 of these labs to pass Phys 113.

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There are 8 sections of Physics 113L lab. They often meet in CEH 315 and are:

- Sect. 1 (CRN: 98113) Tuesday 3:00- 4:50 PM
- Sect. 2 (CRN: 98106) Wednesday 11:00 AM - 12:50 PM
- Sect. 3 (CRN: 98107) Wednesday 3:00 - 4:50 PM
- Sect. 4 (CRN: 98108) Thursday 8:00- 9:50 AM
- Sect. 5 (CRN: 98109) Thursday 10:00- 11:50 AM
- Sect. 6 (CRN: 98110) Thursday 12:00- 1:50 PM
- Sect. 7 (CRN: 98111) Thursday 3:00- 4:50 PM
- Sect. 8 (CRN: 98112) Friday 11:00 AM - 12:50 PM