

PHYS 212 Lecture Schedule

Spring 2012 - Section 2 - Gladden

(subject to change)

Date	Subject	Reading	Comments
Jan 24	Course Overview, Electric Fields	Chapter 23	Note: Reading should
26	Electric Fields	Chapter 23	be done BEFORE class!
31	Gauss' Law	Chapter 24	
Feb. 2	Gauss' Law	Chapter 24	
7	Electric Potential	Chapter 25	
9	Electric Potential	Chapter 25	
14	Capacitance and Dielectrics	Chapter 26	
16	Capacitance and Dielectrics	Chapter 26	
21	Current and Resistance	Chapter 27	
23	Test 1: Chap. 23 - 26	--	
28	DC Circuits	Chapter 28	
Mar. 1	DC Circuits	Chapter 28	Drop Deadline
6	Magnetic Fields	Chapter 29	
8	Sources of Magnetic Fields	Chapter 30	
13	SPRING BREAK	--	
15	SPRING BREAK	--	
20	Sources of Magnetic Fields	Chapter 30	
22	Faraday's Law of Induction	Chapter 31	
27	Faraday's Law of Induction	Chapter 31	
29	Inductance	Chapter 32	
Apr. 3	AC Circuits	Chapter 33	
5	Test 2: Chap. 27 - 31	--	
10	Electromagnetic Waves	Chapter 34	

12 Ray Optics	Chapter 35
17 Image Formation	Chapter 36
19 Wave Optics	Chapter 37
24 Wave Optics	Chapter 37
26 Test 3: Chap. 32-36	--
May 1 Diffraction and Polarization	Chapter 38
3 Wrap up and Review	--

May 8 Tuesday, 8:00 – 11:00 am, Final Exam (see also the [UM Final Exam Schedule](#))