

PHYSICS 101A SYLLABUS
FALL 2008

LECTURE NUMBER	DATE	TOPIC	TEXT SECTIONS	HWORK DUE
1	9/26	Relativity I	1.1	0
2	9/29	Relativity I	1.2	
3	10/1	Relativity I	1.3	
4	10/3	Relativity I	1.4	
5	10/6	Relativity I	1.5-1.6	1
6	10/8	Relativity II	2.1-2.2	
7	10/10	Relativity II	2.3	
8	10/13	Relativity II	2.4	
9	10/15	Relativity II	2.5	2
10	10/17	Quantization	3.1	
11	10/20	Quantization	3.2	
12	10/22	MIDTERM I (Relativity)		
13	10/24	Quantization	3.3	3
14	10/27	Quantization	3.4	
15	10/29	The Atom	4.1-4.2	
16	10/31	The Atom	4.3	
17	11/3	The Atom	4.4	4
18	11/5	The Atom	4.5	
19	11/7	The Atom	4.6	
20	11/10	Particle Waves	5.1-5.2	
21	11/12	Particle Waves	5.3-5.4	5
22	11/14	Particle Waves	5.3-5.4	
23	11/17	MIDTERM II (Early Q.M.)		
24	11/19	Particle Waves	5.5-5.6	
25	11/21	Particle Waves	5.7	6
26	11/24	Schrodinger Eqn.	6.1	
27	11/26	Schrodinger Eqn.	6.1-6.2	
28	12/1	Schrodinger Eqn.	6.2	
29	12/3	Schrodinger Eqn.	6.3	6
30	12/5	Schrodinger Eqn.	6.4	

COMPREHENSIVE FINAL: Thursday, December 11, 8:00-11:00 AM