

PH1140 D09 Course Schedule

Calendar		Lecture		Book ¹ ch:sec, or	Lab		Homework	
Day	Date	#	Topic	Study Guide	#	Topic	#	Due
1	M Mar 16	1	Circmo, SHO, Free mk	Y13.1-2			<u>1</u>	24-Mar
2	Tu Mar 17		Conference		1	Free Mass-Spring		
3	W Mar 18	2	Energy, Damped mkb	Y13.2,3,7; F1,2	1	Free Mass-Spring		
4	Th Mar 19		Conference		2	Damped Mass-Spring System		
5	F Mar 20	3	Energy, Forced mkb	Y13.3,8; F4	2	Damped Mass-Spring System	<u>2</u>	26-Mar
6	M Mar 23	4	Other Oscillators	Y13.4, F3				
7	Tu Mar 24		Conference		3	Forced Mass-Spring System		
8	W Mar 25	5	LCR Circuits	Y30.5,6	3	Forced Mass-Spring System		
9	Th Mar 26		Conference		4	Electric Circuit Oscillator		
10	F Mar 27	6	Non-linear, Super-imposed	Y13.5,6; F2	4	Electric Circuit Oscillator	<u>3</u>	2-Apr
11	M Mar 30		EXAM 1 covers Lec 1-5, Lab 1-4	Study Guide 1				
12	Tu Mar 31		Conference		5	Pendulum		
13	W Apr 1	7	Two Coupled Oscillators	F5	5	Pendulum		
14	Th Apr 2		Conference		6	Coupled Carts		
15	F Apr 3	8	Coupled Systems and Waves	F5	6	Coupled Carts	<u>4</u>	9-Apr
16	M Apr 6	9	1D Waves I (String)	Y15.1-4				
17	Tu Apr 7		Conference		7	String Waves		
18	W Apr 8	10	1D Waves II (Slinky)	Y15.5-8	7	String Waves		
19	Th Apr 9		Conference		8	Slinky Waves		
20	F Apr 10	11	Surface Waves I	F p181, 244	8	Slinky Waves	<u>5</u>	17-Apr
21	M Apr 13		EXAM 2 covers Lec 6-10, Lab 5-8	Study Guide 2				
22	Tu Apr 14		Conference					
23	W Apr 15	12	Surface Waves II					
24	Th Apr 16		Conference		9	Membrane Waves		
25	F Apr 17	13	Sound Waves I	Y16.1-4	9	Membrane Waves	<u>6</u>	24-Apr
	M Apr 20		Patriot's Day - no lecture					
26	Tu Apr 21		Conference					
27	W Apr 22	14	Sound Waves II	Y16.5-8				
	Th Apr 23		Project Present. Day - no lecture					
28	F Apr 24	15	E&M Waves	Y32			<u>7</u>	1-May
29	M Apr 27	16	Light	Y33,35,36				
30	Tu Apr 28		Conference					
31	W Apr 29	17	Particles	Y38,39				
32	Th Apr 30		Conference		10	Light		
33	F May 1	18	Interactions		10	Light		
34	M May 4		² EXAM 3 covers Lec 11-18, Lab 9-12	Study Guide 3				
35	Tu May 5		Conference					

¹ Books: (Y) Young and Freedman, (F) French, (E) Elmore

² Exam 3 includes a take-home part due May 5