

PH1140 B08 Course Schedule

Calendar		Lecture # Topic	Book ¹ ch:sec, or Study Guide	Lab		Homework ²	
Day	Date			#	Topic	M	W
1	Tu Oct 28	1 Circular/Simple Harmonic Motion	Y13.1-2				
2	W Oct 29	2 Free Mass-Spring Oscillator	Y13.2-3			Intro	
3	Th Oct 30	Conference		1	Circular/Simple Harmonic Motion	1	
4	F Oct 31	3 Damped Mass-Spring Oscillator	Y13.7			2	
5	M Nov 3	4 Oscillating Electric Circuits	Y30.5-6			3	
6	Tu Nov 4	Conference		2	Free Mass-Spring System		
7	W Nov 5	5 Other Free Oscillators	Y13.4-6,F3			4	
8	Th Nov 6	Conference		3	Damped Mass-Spring System		
9	F Nov 7	6 Forced Oscillations	Y13.8,30.5-6, F4			5	
10	M Nov 10	7 Superimposed Oscillations	F2				1
11	Tu Nov 11	Conference			Phasor Workshop		0
12	W Nov 12	EXAM 1 Covers Lectures 1 - 5	Study Guide 1				
13	Th Nov 13	Conference		4	Forced Mass-Spring System	6	
14	F Nov 14	8 Two Coupled Oscillators	F5				
15	M Nov 17	9 Coupled Systems and Waves I	F5				2
16	Tu Nov 18	Conference		5	Coupled Carts on Elastic String		
17	W Nov 19	10 Coupled Systems and Waves II	F5			3	
18	Th Nov 20	Conference			Sup and Coup Workshop		
19	F Nov 21	11 Waves on Strings I	Y15.1-4			4	
20	M Nov 24	12 Waves on String II	Y15.5-8				
21	Tu Nov 25	EXAM 2 Covers Lectures 6 - 10	Study Guide 2	6	Waves on Ropes and Strings		
22	M Dec 1	13 Oscillator/String Wave Interactions	Y15				
23	Tu Dec 2	Conference		7	Waves on a Slinky		EXAM2
24	W Dec 3	14 Post Exam 2 Review				5	
25	Th Dec 4	Conference					
26	F Dec 5	15 Surface Waves	F6 p181-8, E2,6			6	
27	M Dec 8	16 Elasticity and Sound Waves	Y16.1-3				
28	Tu Dec 9	Conference		8	Waves on a Membrane		7
29	W Dec 10	EXAM 3 Covers Lectures 11 - 15	Study Guide 3				
30	Th Dec 11	Conference		9	Speed of Sound		8
31	F Dec 12	17 More about Sound Waves	Y16.4-8				
32	M Dec 15	18 Light and Particles	Y32,33,35,36,39				9
33	Tu Dec 16	Conference		10	Light's Wave-like Behavior		
34	W Dec 17	19 Review					10
35	Th Dec 18	EXAM 4 Covers Lectures 15 - 18	Study Guide 4				

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

² Homework: (M) Mastering Physics, (W) Written