

PH1140 B08 Course Schedule

Calendar			Lecture		Book ¹ ch:sec, or Study Guide	Lab		Homework ²	
Day	Date		#	Topic		#	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) Elmore² Homework: (M) Mastering Physics, (W) Written