

## PHYSICS 132 - Fall Quarter 2010

	Monday	Tuesday	Wednesday	Thursday	Friday
1	SEPT. 20	21 Introduction Oscillatory Motion	22 Exp. 1 Simple Pendulum	23 Mass/spring Pendula	24
2	27	28 Energy of osc. Damping	29 Exp. 10 Mass-spring exp.	30 Intro to waves Waves on strings	OCT. 1
3	4	5 Traveling waves Standing waves	6 Exp. 11 Standing waves	7 Sound wave Intreferece	8
4	11	12 Sound wave resonance	13 Exp. 13 Sound wave res.	14 Doppler effect Beat frequencies	15
5	18	19 Wave Motion and Sound problems	20 <b>EXAM 1</b> Exp. 18 Snell's Law	21 Snell's Law Internal reflection	22
6	25	26 Converging and Diverging lenses	27 Exp. 15 Lenses	28 Image formation Lens systems	29
7	NOV. 1	2 Wave properties of light	3 Exp. 16 Interference	4 Interference and Diffraction	5
8	8	9 Optics problems Intro to Thermo	10 <b>EXAM 2</b> Exp. 8 Const. Vol thermo.	Veteran's Day	12
9	15	16 Internal energy Spec./Lat. Heat	17 Exp. 5 Calorimetry	18 Work by Ideal gases	19
10	22	23 First Law and Thermo processes	THANKSGIVING		
11	29	30 Cyclic processes and Heat engines	DEC. 1 Exp. 19 Cyclic Process	2 2nd Law, Efficiency and Carnot cycle	3
12	6	7 <b>132 FINAL</b> <b>4 - 7 pm</b>	8	9	10

NOTE: The schedule is only approximate so you know the material you should be reviewing.  
 The exam dates may change.  
 The week's experiments are indicated in the Wednesday column.

