

PHYS 213 Fall 2007 Schedule (tentative, as of 8/20/07)

Lecture	Date	Topic	Reading (Chapters in Y & F)	Lab Wednesdays 2:30-5:00pm
1	Thursday, Aug. 23	Units, Dimensions, Orders of Magnitude, etc.	1.1 – 1.6	
2	Tuesday, Aug. 28	1D Motion	2.1 – 2.3	8/29: Description of Motion
3	Thursday, Aug. 30	1D Motion, cont.	2.4 – 2.6	
4	Tuesday, Sept. 4	Vectors, 2D and 3D Motion	1.7 – 1.10, 3.1 – 3.3	9/5: Acceleration in 1D
5	Thursday, Sept. 6	2D and 3D Motion, cont.	3.4 – 3.5	
6	Tuesday, Sept. 11	Forces, Newton's Laws	4.1 – 4.3	9/12: Motion in 2D
7	Thursday, Sept. 13	Newton's Laws, cont.	4.4 – 4.6	
8	Tuesday, Sept. 18	Applying Newton's Laws	5.1 – 5.2	9/19: Acceleration as a vector
9	Thursday, Sept. 20	Friction	5.2 – 5.3	
10	Tuesday, Sept. 25	Circular Motion	5.3 – 5.4	9/26: Forces
11	Thursday, Sept. 27	MIDTERM 1 (Ch. 1-5)		
12	Tuesday, Oct. 2	Work and Energy	6.1 – 6.2	10/3: Addition of Forces
13	Thursday, Oct. 4	Power	6.3 – 6.4	
14	Tuesday, Oct. 9	Potential Energy	7.1 – 7.2	10/10: Interacting Bodies
15	Thursday, Oct. 11	Conservative, Non-conservative Forces	7.3 – 7.5	
16	Tuesday, Oct. 16	Momentum, Impulse	8.1 – 8.2	10/17: Components of Forces
17	Thursday, Oct. 18	Momentum Conservation	8.3 – 8.5	
18	Tuesday, Oct. 23	Rotation of Rigid Bodies	9.1 – 9.3	10/24: Work, Work-Energy Theorem
19	Thursday, Oct. 25	Rotational Motion, cont.	9.4 – 9.6	
20	Tuesday, Oct. 30	Torque, Rotation	10.1 – 10.3	10/31: Changes in Energy, Momentum
21	Thursday, Nov. 1	Work and Power in Rotational Motion	10.4 – 10.7	
22	Tuesday, Nov. 6	MIDTERM 2 (Ch. 6-10)		11/7: Conservation of Momentum in 1D
23	Thursday, Nov. 8	Equilibrium	11.1 – 11.3	
24	Tuesday, Nov. 13	Gravitation	12.1 – 12.3	11/14: Dynamics & Equilibrium of Rigid Bodies
25	Thursday, Nov. 15	Gravity, Kepler's Laws	12.4 – 12.8	
	Nov. 19-23	THANKSGIVING	BREAK	
26	Tuesday, Nov. 27	Periodic Motion	13.1 – 13.2	11/28: Simple Harmonic Motion
27	Thursday, Nov. 29	Simple Harmonic Motion	13.3 – 13.6	
28	Tuesday, Dec. 4	More Harmonic Motion	13.7 – 13.8	12/5: Lab Final
29	Thursday, Dec. 6	Catch-up, Review		
FINAL	Thursday, Dec. 13	FINAL EXAM	8-10 AM	FINAL