

Phys 114 Fall 2015 Schedule

Week	Lec	Date	Content	Textbook
1	1	10/1/15	Introduction to phys 114 and physics	1.1-1.2
	2	10/2/15	Introduction to physics II	1.3-1.8
2	3	10/5/15	1D motion	2.1 - 2.6
	4	10/6/15	Falling	2.7
	5	10/8/15	Vectors	3.1 - 3.4
	6	10/9/15	r, v & a Vectors	3.5
3	7	10/12/15	Relative motion	3.6
	8	10/13/15	2D motions & projectile motion	4.1-4.3
	9	10/15/15	More projectiles	4.4-4.5
	10	10/16/15	Forces & Newton's laws	5.1-5.5
4	11	10/19/15	Weight & Normal forces	5.3-5.7
	12	10/20/15	Friction & springs	6.1-6.2
	13	10/22/15	Strings & pulleys	6.3-6.4
	14	10/23/15	Circular motion	6.5
5		10/26/15	Midterm review	
		10/27/15	<b>Midterm 1 (ch 1 - ch 6)</b>	
	15	10/29/15	Work & energy	7.1-7.2
	16	10/30/15	Work & power	7.3-7.4
6	17	11/2/15	Potential energy	8.1-8.2
	18	11/3/15	Mechanical energy	8.3
	19	11/5/15	Energy conservation	8.4-8.5
	20	11/6/15	Momentum & impulse	9.1-9.4
7	21	11/9/15	Collisions	9.5-9.6
	22	11/10/15	Center of mass & rockets	9.7-9.8
	23	11/12/15	Rotational motion	10.1-10.2
	24	11/13/15	Linear and rotational quantities & Rolling	10.3-10.4
8	25	11/16/15	Rotational kinetic energy & moment of inertia	10.5-10.6
		11/17/15	Midterm review	
		11/19/15	<b>Midterm 2 (ch 7 - ch 10)</b>	
	26	11/20/15	Torque	11.1-11.2
9	27	11/23/15	Equilibrium	11.3-11.4
	28	11/24/15	Application of torque	11.5
		11/26/15	<b>HOLIDAY</b>	
		11/27/15	<b>HOLIDAY</b>	
10	29	11/30/15	Angular momentum	11.6
	30	12/1/15	Conservation of angular momentum	11.7
	31	12/3/15	Rotational work and power	11.8
	32	12/4/15	Gravity	12.1-12.2
11	33	12/7/15	More Gravity	
	34	12/8/15	Orbits	12.3-12.4
	35	12/10/15	Energy, tides	12.5-12.6
		12/11/15	final review	
12		12/16/15	<b>Final Exam, 2:30pm - 4:20pm</b>	