

Physics 140 Spring 2007

Due dates: Homework and Activity Guides are due on the first day of the next session immediately before class.

Date	day	Unit #	notes	Understanding Physics Chapter	Due Dates
8-Jan-07	Monday	1	Data collection and spreadsheets		
9-Jan-07	Tuesday	1	Measuring and graphing horizontal motion		11-Jan-07
11-Jan-07	Thursday	2	Direct and indirect measurements	1	
15-Jan-07	Monday	2	Normal distributions and nuclear decay		16-Jan-07
16-Jan-07	Tuesday	3	Graphing changing motion	2	
18-Jan-07	Thursday	3	Slowing, speeding, turning		22-Jan-07
22-Jan-07	Monday	4	Defining velocity and acceleration	Sessions 1&2	
23-Jan-07	Tuesday	4	Integration & Kinematic equations	Sessions 2&3	25-Jan-07
25-Jan-07	Thursday	5	Force and Motion	3	
29-Jan-07	Monday	5	Force, mass and acceleration	skip friction	30-Jan-07
30-Jan-07	Tuesday	6	Vertical motion		
1-Feb-07	Thursday	6	Vectors	4	
5-Feb-07	Monday	Midterm			
6-Feb-07	Tuesday	6	Analysing projectile motion	5	8-Feb-07
8-Feb-07	Thursday	7	Circular motion	6	
12-Feb-07	Monday	7	Newton's 3rd law	3-10	
13-Feb-07	Tuesday	7	Friction		15-Feb-07
15-Feb-07	Thursday	Lecture	Universal Gravitation		
19-Feb-07	Monday	8	Momentum	7	
20-Feb-07	Tuesday	8	Impulse		
22-Feb-07	Thursday	8	Newton's laws and momentum conservation		26-Feb-07

26-Feb-07	Monday	9	Centre of mass and momentum conservation	sessions 1 & 2 combined	8	
27-Feb-07	Tuesday	9	Momentum Conservation in 2-D			1-Mar-07
1-Mar-07	Thursday	10	Physical work and power		9	
5-Mar-07	Monday	10	work and kinetic energy	skip karate		8-Mar-07
6-Mar-07	Tuesday		Midterm			
8-Mar-07	Thursday		Lecture	Special Relativity		
12-Mar-07	Monday	11	Energy conservation		10	
13-Mar-07	Tuesday	11	Conservative and non-conservative forces			15-Mar-07
15-Mar-07	Thursday	12	Rotational kinematics		11	
19-Mar-07	Monday	12	Torque and moment of inertial			
20-Mar-07	Tuesday	12	Newton's Laws for rotation			22-Mar-07
22-Mar-07	Thursday	13	Angular momentum and torque as vectors		12	
26-Mar-07	Monday	13	Angular momentum conservation		14	27-Mar-07
27-Mar-07	Tuesday	14	Harmonic motion		16	
29-Mar-07	Thursday	14	SHM for mass and spring			
2-Apr-07	Monday	14	Simple Pendulum			17-Apr-07
3-Apr-07	Tuesday		Review			
5-Apr-07	Thursday					
17-Apr-07	Tuesday	Exam	7:00—10:00 pm			