Class Schedule

Date	Chapter	Topics	This Week's Lab
Aug22	1	Concepts of Motion	Uncertainty in Measurement; Representations of Motion (tutorials)
24	2	Kinematics in One Dimension	
29	2 / 3	Kinematics One D / Vectors	Free Fall
31	4	Kinematics in Two Dimensions	
Sep 5	4 / 5	Kinematics in Two D / Force	Projectile Motion
7	5	Force	
12	6	Dynamics I: Motion along a line	Newton's Second Law
14	6		
19	7	Newton's Third Law	Friction
21	8	Dynamics II: Motion in a plane	
26	**Exam 1**	**Chapters 1-6**	Simple Pendulum
28	8 / 9	Dynamics II / Work and Kinetic Energy	
Oct 3	9	Work and Kinetic Energy	Newton's Third Law, Impulse
5	10	Interactions and Potential Energy	
10	10		Work and Energy
12	11	Impulse and Momentum (not 11.6)	
17	12	Rotations of a Rigid Body (not 12.12)	Ballistic Pendulum
19	12		
24	14	Fluids	Rotational Dynamics (Energy)
26	15	Oscillations	
31	**Exam 2**	**Chapters 7-12**	*(No Lab, in honor of Veterans Day)*
Nov 2	15 / 16	Oscillations / Travelling Waves	
7	16	Travelling Waves	Buoyancy; Mechanics Survey
9	16/ 17	Travelling /Superposition & Interference	
14	17/ 18	Interference/ Macroscopic Matter	Spring-Mass Oscillations
16	18	A Macroscopic Description of Matter	
20-24		*Thanksgiving vacation week*	*(No Lab; Thanksgiving Break)*
28	**Exam 3**	**Chapters 14-17**	Vibrating Strings
30	19	Work, Heat and the First Law	
Dec 5	20	The Micro-Macro Connection	**Lab Final Exams during your regular lab period.**
7	21	Heat Engines and Refrigerators	
11	**Final Exam**	**Chapters 18-21 and all chapters; Webster 16, 10:10-13:00**	

Topics and chapter numbers are from Randall Knight's text, 4th edition. Due dates for homework are given and updated on the *MasteringPhysics* web site. Students are responsible for checking the due dates and times.

Schedule subject to change. Don't forget to reload. 15 November 2017