

Schedule for Phy210, Phy240, and Phy241: Fall 2015: Revision 01

labs	Worksheet Number	Date	210: Cutnell: 8th ed. Assignment Reading : Homework	240:Serway 4th ed Assignment: Reading: homework
	pt	W: August 19, 2015	Chapter 01: Units, vectors, math and trig	Chapter 01 Introduction and Vectors
TBA:lab 0: intro lab	Worksheet 01 units trig	F :August 21, 2015	Chapter 01:H01	Chapter 01:H01
	Worksheet 02 1d motion	M: August 24, 2015	Chapter 02:H02: 1d motion	Chapter 02:H02 1d motion
	Worksheet 03 freefall	W: August 26, 2015	Chapter 02:H03	Chapter 02:H03
Lab 01: Forces & Vectors	Worksheet 04 2d motion1	F: August 28, 2015 UQ1	Chapter 03:H04: 2d motion	Chapter 03:H04: 2d motion
	Worksheet 05 2d motion2	M: August 31, 2015	Chapter 03:H05	Chapter 03:H05
	Worksheet 05 2d motion2	W: September 02, 2015	Chapter 03:H05	Chapter 03:H05
Lab 02: 1 and 2 D motion	Worksheet 06 force1, fbd	F: September 04, 2015 UQ2	Chapter 04:H06: Forces, fbd	Chapter 04:H06 Forces, fbd
	Worksheet 07 force 2, fbd	M: September 07, 2015	Chapter 04:H07	Chapter 04:H07
	UnTest#1	W: September 09, 2015	Chapter 04	
Lab 03: Planes & Friction	Test 1:coverage: ws01-ws07	F: September 11, 2015		
	Worksheet 08 inclined plane	M: September 14, 2015	Chapter 06:H08: work and energy	Chapter 06:H08 Energy and Energy Transfer
	Worksheet 09 inclined 2	W: September 16, 2015	Chapter 06: H09	Chapter 07:H09 Potential Energy
Lab 04: Atwood's, mechanical advantage, work & Energy	Worksheet 10 energy 2	F: September 18, 2015 UQ3	Chapter 07:H10: impulse, momentum	Chapter 08:H10 Momentum and Collisions
	Worksheet 11 spring energy	M: September 21, 2015	Chapter 07: H11	Chapter 08:H11
	Worksheet 12 collisions1	W: September 23, 2015	Chapter 05:H12: Uniform Circular Motion	Chapter 10:H12 Rotational Motion
TBA	Worksheet 13 collisions2	F: September 25, 2015 UQ4	Chapter 08:H13: Rotational kinematics	Chapter 10:H13
	Worksheet 14 ucm 1	M: September 28, 2015	Chapter 08: H14	Chapter 10:H14
	Worksheet 15 acc frames	W: September 30, 2015	Chapter 09:H15: Rotational dynamics	Chapter 10:H15
Lab 05: Centripetal Force & Hooke's Law	Worksheet 16 non ucm	F: October 02, 2015	Chapter 09: H16	Chapter 10:H16
	UnTest#2	M: October 05, 2015		
	Test 2:coverage: ws08-ws16	W: October 07, 2015		
TBA	Worksheet 17 rotate2 energy	F: October 09, 2015	Chapter 09: H17	Chapter 10:H17
	Fall Break	Mon: Oct 12 - Tues:Oct 13		
	Worksheet 18 torque,L	W: October 14, 2015	Chapter 09: H18	Chapter 10:H18
Lab 06: Static Equilibrium	Worksheet 19 statics	F: October 16, 2015 UQ5	Chapter 10: H19 Simple Harmonic Oscillation	Chapter 12:H19 Oscillatory Motion
	Worksheet 20 osc1:spring	M: October 19, 2015	Chapter 10: H20	Chapter 12:H20
	Worksheet 21 osc2:pendulum	W: October 21, 2015	Chapter 10: H21	Chapter 12:H21
Lab 07: Simple Harmonic Oscillation	Worksheet 22 string waves1	F: October 23, 2015 UQ6	Chapter 16:H22 waves and sound	Chapter 13:H22 Mechanical Waves
	Worksheet 23:string waves2	M: October 26, 2015	Chapter 16:H23	Chapter 13:H23
	Worksheet 24 sound waves	W: October 28, 2015	Chapter 17:H24: wave superposition	Chapter 14:H24 :Superposition and Standing Waves
Lab 08: Standing Waves and Vibrations	Worksheet 25 beats, doppler	F: October 30, 2015	Chapter 17: H25	Chapter 14:H25
	Worksheet 26 archimedes (not on test 3)	M: November 02, 2015	Chapter 17:H26	Chapter 15: H26:Fluid Mechanics :Sections 15.1 - 15.4
	Untest#3:	W: November 04, 2015		
Lab09: Archimedes' Principle & Pressure	Test 3: Coverage: ws17-ws25	F: November 06, 2015	Chapter 12: Temperature and Heat	Chapter 16: Temperature and the kinetic theory of gasses
	Worksheet 27 thermo1	M: November 9, 2015	Chapter 13:H27: transfer of heat	Chapter 16:H27
	Worksheet 28 thermo2	W: November 11, 2015	Chapter 14:H28: IDG and kinetic theory	Chapter 17: H28:Energy in Thermal Processes: 1 st law of thermo
Lab 10: Thermodynamics	Worksheet 29 thermo3	F: November 13, 2015 UQ7	Chapter 15:H29: thermodynamics	Chapter 18: H29: Heat Engines, Entropy, and the 2 nd law of thermo
	Worksheet 30 thermo4	M: November 16, 2015	Chapter 15: H30	Chapter 18:H30
	Worksheet 31 fluids1	W: November 18, 2015	Chapter 11: H31: Fluids	Chapter 16: H31:Fluid Mechanics: Sections 15.5-15.9
TBA	Untest #4	F: November 20, 2015		
	Test 4:coverage ws26-ws31	M: November 23, 2015		
	Thanksgiving	W: Nov 25- Sun:Nov 29		
		M: November 30, 2015		
		W: December 02, 2015		
	Course Review / last day	F: December 04, 2015		
	Final Exams	December 07-11, 2015		