

Schedule for Phy210, Phy240, and Phy241: Fall 2016: Revision 01

labs	Worksheet Number	Date	210: Cutnell: 8 th ed. Assignment Reading : Homework	240: Serway 4 th ed Assignment: Reading: homework
	Class Initialization	W: August 17, 2016	Chapter 01: Units, vectors, math and trig	Chapter 01 Introduction and Vectors
Lab 00: intro lab	Worksheet 01 units trig	F :August 19, 2016	Chapter 01:H01	Chapter 01:H01
	Worksheet 02 1d motion	M: August 22, 2016	Chapter 02:H02: 1d motion	Chapter 02:H02 1d motion
	Worksheet 03 freefall	W: August 24, 2016	Chapter 02:H03	Chapter 02:H03
Lab 01: Forces & Vectors	Worksheet 04 2d motion1	F: August 26, 2016 UQ1	Chapter 03:H04: 2d motion	Chapter 03:H04: 2d motion
	Worksheet 05 2d motion2	M: August 29, 2016	Chapter 03:H05	Chapter 03:H05
	Worksheet 05 2d motion2	W: August 31, 2016	Chapter 03:H05	Chapter 03:H05
Lab 02: 1 and 2 D motion	Worksheet 06 force1, fbd	F: September 02, 2016 UQ2	Chapter 04:H06: Forces, fbd	Chapter 04:H06 Forces, fbd
	Worksheet 07 force 2, fbd	M: September 07, 2016	Chapter 04:H07	Chapter 04:H07
	UnTest#1	W: September 07, 2016	Chapter 04	
Lab 03: Planes & Friction	Test 1: coverage: ws01-ws07	F: September 09, 2016		
	Worksheet 08 inclined plane	M: September 12, 2016	Chapter 06:H08: work and energy	Chapter 06:H08 Energy and Energy Transfer
	Worksheet 09 inclined 2	W: September 14, 2016	Chapter 06: H09	Chapter 07:H09 Potential Energy
Lab 04: Atwood's, mechanical advantage, work & Energy	Worksheet 10 energy 2	F: September 16, 2016 UQ3	Chapter 07:H10: impulse, momentum	Chapter 08:H10 Momentum and Collisions
	Worksheet 11 spring energy	M: September 19, 2016	Chapter 07: H11	Chapter 08:H11
	Worksheet 12 collisions1	W: September 21, 2016	Chapter 05:H12: Uniform Circular Motion	Chapter 10:H12 Rotational Motion
*Lab 05: Centripetal Force & Hooke's Law	Worksheet 13 collisions2	F: September 23, 2016 UQ4	Chapter 08:H13: Rotational kinematics	Chapter 10:H13
	Worksheet 14 ucm 1	M: September 26, 2016	Chapter 08: H14	Chapter 10:H14
	Worksheet 15 acc frames	W: September 28, 2016	Chapter 09:H15: Rotational dynamics	Chapter 10:H15
*Lab 06: Static Equilibrium	Worksheet 16 non ucm	F: September 30, 2016 UQ5	Chapter 09: H16	Chapter 10:H16
	Worksheet 17: Rotate2 energy	M: October 03	Chapter 09: H17	Chapter 10:H17
	UnTest#2	W: October 05, 2016		
*Lab 07: Simple Harmonic Oscillation	Test 2	F: October 07, 2016		
	Worksheet 18 Torque, L	M: October 10, 2016	Chapter 09: H18	Chapter 10:H18
	Worksheet 19 statics	W: October 12, 2016	Chapter 10: H19 Simple Harmonic Oscillation	Chapter 12:H19 Oscillatory Motion
	Fall Break	October 13 - October 14		
	Worksheet 20 osc1:spring	M: October 17, 2016	Chapter 10: H20	Chapter 12:H20
	Service Day	W: October 19		
*Lab 08: Standing Waves and Vibrations	Worksheet 21 osc2:pendulum	F: October 21, 2016 UQ06	Chapter 10: H21	Chapter 12:H21
	Worksheet 22 string waves1	M: October 24, 2016	Chapter 16:H22 waves and sound	Chapter 13:H22 Mechanical Waves
	Worksheet 23:string waves2	W: October 26, 2016	Chapter 16:H23	Chapter 13:H23
*Lab09: Archimedes' Principle & Pressure	Worksheet 24 sound waves	F: October 28, 2016 UQ07	Chapter 17:H24: wave superposition	Chapter 14:H24 :Superposition and Standing Waves
	Worksheet 25 beats, doppler	M: October 31, 2016	Chapter 17: H25	Chapter 14:H25
	Untest#3:	W: November 02, 2016		
	Test 3	F: November 04, 2016	Chapter 12: Temperature and Heat	Chapter 16: Temperature and the kinetic theory of gasses
	Worksheet 27 thermo1	M: November 07, 2016	Chapter 13:H27: transfer of heat	Chapter 16:H27
	Worksheet 28 thermo2	W: November 09, 2016	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 11, 2016 UQ08	Chapter 15::H29: thermodynamics	Chapter 18: H29: Heat Engines, Entropy, and the 2 nd law of thermo
	Worksheet 30 thermo4	M: November 14, 2016	Chapter 15: H30	Chapter 18:H30
	Worksheet 30 (continued)	W: November 16, 2016		
L:TBA	Untest #4	F: November 18, 2016		
	Test 4	M: November 21, 2016		
	Thanksgiving	November 23 - November 27		
	Worksheet 26 archimedes	M: November 28, 2016	Chapter 17:H26	Chapter 15: H26:Fluid Mechanics :Sections 15.1 - 15.4
	Worksheet 31 fluids1	W: November 30, 2016	Chapter 11: H31: Fluids	Chapter 16: H31:Fluid Mechanics: Sections 15.5-15.9
	Course Review / last day	F: December 02, 2016		
	Final Exams	December 05-09, 2016		