Schedule for Phy210, Phy240, and Phy241: Fall 2013: Revision 01

labs	Worksheet Number	Date	210: Cutnell: 8th ed. Assignment Reading : Homework	240:Serway 4th ed Assignment: Reading: homework
	pt	W: August 21, 2013	Chapter 01: Units, vectors, math and trig	Chapter 01 Introduction and Vectors
TBA:lab 0: intro lab	Worksheet 01 units trig	F :August 23, 2013	Chapter 01:H01	Chapter 01:H01
	Worksheet 02 1d motion	M: August 26, 2013	Chapter 02:H02: 1d motion	Chapter 02:H02 1d motion
	Worksheet 03 freefall	W: August 28, 2013	Chapter 02:H03	Chapter 02:H03
Lab 01: Forces & Vectors	Worksheet 04 2d motion1	F: August 30, 2013 **UQ1**	Chapter 03:H04: 2d motion	Chapter 03:H04: 2d motion
	Worksheet 05 2d motion2	M: September 02, 2013	Chapter 03:H05	Chapter 03:H05
	Worksheet 05 2d motion2	W: September 04, 2013	Chapter 03:H05	Chapter 03:H05
Lab 02: 1 and 2 D motion	Worksheet 06 force1, fbd	F: September 06, 2013 **UQ2**	Chapter 04:H06: Forces, fbd	Chapter 04:H06 Forces, fbd
	Worksheet 07 force 2, fbd	M: September 9, 2013	Chapter 04:H07	Chapter 04:H07
	UnTest#1	**W: September 11, 2013**	**Chapter 04**	
Lab 03: Planes & Friction	**Test 1:coverage: ws01-ws07**	**F: September 13, 2013**		
	Worksheet 08 inclined plane	M: September 16, 2013	Chapter 06:H08: work and energy	Chapter 06:H08 Energy and Energy Transfer
	Worksheet 09 inclined 2	W: September 18, 2013	Chapter 06: H09	Chapter 07:H09 Potential Energy
Lab 04: Atwood's, mechanical advantage, work & Energy	Worksheet 10 energy 2	F: September 20, 2013 **UQ3**	Chapter 07:H10: impulse, momentum	Chapter 08:H10 Momentum and Collisions
	Worksheet 11 spring energy	M: September 23, 2013	Chapter 07: H11	Chapter 08:H11
	Worksheet 12 collisions1	W: September 25, 2013	Chapter 05:H12: Uniform Circular Motion	Chapter 10:H12 Rotational Motion
TBA	Worksheet 13 collisions2	F: September 27, 2013 **UQ4**	Chapter 08:H13: Rotational kinematics	Chapter 10:H13
	Worksheet 14 ucm 1	M: September 30, 2013	Chapter 08: H14	Chapter 10:H14
	Worksheet 15 acc frames	W: October 02, 2013	Chapter 09:H15: Rotational dynamics	Chapter 10:H15
Lab 05: Centripetal Force & Hooke's Law	Worksheet 16 non ucm	F: October 04, 2013	Chapter 09: H16	Chapter 10:H16
	UnTest#2	**M: October 07, 2013**		
	Test 2:coverage: ws08-ws16	**W: October 09, 2013**		
	Fall Break	**Thurs: Oct 10 - Sun:Oct 13**		
	Worksheet 17 rotate2 energy	M: October 14, 2013	Chapter 09: H17	Chapter 10:H17
	Worksheet 18 torque,L	W: October 16, 2013	Chapter 09: H18	Chapter 10:H18
Lab 06: Static Equilibrium	Worksheet 19 statics	F: October 18, 2013 **UQ5**	Chapter 10: H19 Simple Harmonic Oscillation	Chapter 12:H19 Oscillatory Motion
	Worksheet 20 osc1:spring	M: October 21. 2013	Chapter 10: H20	Chapter 12:H20
	Worksheet 21 osc2:pendulum	W: October 23, 2013	Chapter 10: H21	Chapter 12:H21
Lab 07: Simple Harmonic Oscillation	Worksheet 22 string waves1	F: October 25, 2013 **UQ6**	Chapter 16:H22 waves and sound	Chapter 13:H22 Mechanical Waves
	Worksheet 23:string waves2	M: October 28, 2013	Chapter 16:H23	Chapter 13:H23
	Worksheet 24 sound waves	W: October 30, 2013	Chapter 17:H24: wave superposition	Chapter 14:H24 :Superposition and Standing Waves
Lab 08: Standing Waves and Vibrations	Worksheet 25 beats, doppler	F: November 01, 2013	Chapter 17: H25	Chapter 14:H25
	Worksheet 26 archimedes (not on test 3)	M: November 04, 2013	Chapter 17:H26	Chapter 15: H26:Fluid Mechanics :Sections 15.1 – 15.4
	Untest#3:	**W: November 06, 2013**		
Lab09: Archimedes' Principle & Pressure	**Test 3: Coverage: ws17-ws25**	**F: November 08, 2013**	Chapter 12: Temperature and Heat	Chapter 16: Temperature and the kinetic theory of gasses
	Worksheet 27 thermo1	M: November 11, 2013	Chapter 13:H27: transfer of heat	Chapter 16:H27
	Worksheet 28 thermo2	W: November 13, 2013	Chapter 14:H28: IDG and kinetic theory	Chapter 17: H28:Energy in Thermal Processes: 1st law of thermo
Lab 10: Thermodynamics	Worksheet 29 thermo3	F: November 15, 2013 **UQ7**	Chapter 15::H29: thermodynamics	Chapter 18: H29: Heat Engines, Entropy, and the 2nd law of thermo
	Worksheet 30 thermo4	M: November 18, 2013	Chapter 15: H30	Chapter 18:H30
	Worksheet 31 fluids1	W: November 20, 2013	Chapter 11: H31: Fluids	Chapter 16: H31:Fluid Mechanics: Sections 15.5-15.9
TBA	**Untest #4**	**F: November 22, 2013**		
	Test 4:Coverage ws26-ws31	**M: November 25, 2013**		
	Thanksgiving	**W: Nov 27- Sun:Dec 01**		
		M: December 02, 2013		
		W: December 04, 2013		
TBA	Course Review / last day	F: December 06, 2013		
	Final Exams	**December 09-13, 2013**		