

Physics 153, 114/214 Spring 2012 Lab Schedule

(1/9)	Week 1		Classes begin - No labs this week.
(1/16)	Week 2		Martin Luther King Holiday - No Labs This Week
(1/23)	Week 3		Lab Intro/Orientation (<i>You must attend the lab section in which are registered</i>)
(1/30)	Week 4	(153) (101L) (114/214)	#1 Celestial Coordinates I #1 Introduction to Experimental Measurements/Statistics #1 Ohm's Law and Resistive Circuits (<u>114/214 Lab Report</u>)
(2/6)	Week 5	(153) (101L) (114/214)	#2 Lenses and Telescopes #2 The Bouncing Ball #2 Series and Parallel Circuits
(2/13)	Week 6	(153) (101L) (114/214)	#3 Celestial Coordinates II #3 Freely Falling Body/Reaction Time #3 Kirchoff's Rules
(2/20)	Week 7		Presidents Day Holiday - No Labs This Week
(2/27)	Week 8	(153) (101L) (114) (214)	#4 Observing the Planets in the Night Sky #4 The Speed of Sound #4 Alternating and Direct Current Circuits #4 Introduction to the Oscilloscope (<u>214 Lab Report</u>)
(3/5)	Week 9	(153) (101L) (114/214)	#5 The Solar System #5 Ohm's Law #5 Resonance in RLC AC Circuits
(3/12)	Week 10	(153) (101L) (114/214)	#6 Orbit of the Moon #6 Series and Parallel Circuits #6 Optics I - Reflection, Refraction, Reversibility
(3/19)	Week 11	(153) (101L) (114) (214)	#7 HR Diagram #7 The Oscilloscope #7 Optics II – Dispersion, Total Internal Reflection, Thin Lenses, Color #7 Optics II – Dispersion, Total Internal Reflection, Thin Lenses, Color, Polarization
(3/26)	Week 12		Spring Break - No Labs This Week
(4/2)	Week 13	(153) (101L) (114) (214)	#8 Light and the Atomic Spectra #8 Indirect Measurements #8 Optics III - Double Slit Diffraction, Single Slit Diffraction, Gratings #8 Optics III - Double Slit Diffraction, Single Slit Diffraction, Gratings, General Diffraction
(4/9)	Week 14	(153) (101L) (114/214)	#9 Age of the Universe #9 Optics I #9 Properties of Light and the Atomic Spectra
(4/16)	Week 15	(153) (101L) (114/214)	#10 Measuring the Properties of Binary Stars #10 Optics II #10 Alpha Scattering, Marbles, and Indirect Measurement
(4/23)	Week 16		Physics Lab Finals (2 hours – given during regular lab time)
(4/30)	Week 17		Final Exam Week – No Labs This Week