

Physics 153, 113/213, 114/214 Spring 2008 Tentative Lab Schedule

(1/14)	Week 1		Classes begin - No labs this week.
(1/21)	Week 2		Martin Luther King Holiday - No Labs This Week
(1/28)	Week 3		Lab Intro/Orientation (<i>You must attend the lab section in which are registered</i>)
(2/4)	Week 4	(153) (101L) (114/214)	#1 Celestial Coordinates I #1 Introduction to Experimental Measurements/Statistics #1 Ohm's Law and Resistive Circuits
(2/11)	Week 5	(153) (101L) (114/214)	#2 Lenses and Telescopes #2 The Bouncing Ball #2 Series and Parallel Circuits (<u>214 Lab Report</u>)
(2/18)	Week 6		Presidents Day Holiday - No Labs This Week
(2/25)	Week 7	(153) (101L) (114/214)	#3 Celestial Coordinates II #3 Freely Falling Body/Reaction Time #3 Kirchoff's Rules
(3/3)	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 (<u>114 Lab Report</u>) #4 Introduction to the Oscilloscope (<u>214 Lab Report</u>)
(3/10)	Week 9	(153) (101L) (114/214)	#5 The Solar System #5 Ohm's Law #5 Resonance in RLC AC Circuits
(3/17)	Week 10	(153) (101L) (114/214)	#6 Orbit of the Moon #6 Series and Parallel Circuits #6 Optics I - Reflection, Refraction, Reversibility
(3/24)	Week 11		Spring Break - No Labs This Week
(3/31)	Week 12	(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
(4/7)	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
(4/14)	Week 14	(153) (101L) (114/214)	#9 Age of the Universe (Part I) #9 Optics I #9 Properties of Light and the Atomic Spectra
(4/21)	Week 15	(153) (101L) (114/214)	#10 Age of the Universe (Part II) #10 Optics II #10 Alpha Scattering, Marbles, and Indirect Measurement
(4/28)	Week 16		Physics Lab Finals (2 hours – given during regular lab time)
(5/5)	Week 17		Final Exam Week – No Labs This Week