

SPRING 2024 PHYSICS LABORATORY SCHEDULES

Tuesdays	PHY 221 <i>SI-117&118</i>	PHY 222 <i>SI-141&148</i>	Thursdays	PHY 241/243 <i>SI-117&118</i>	PHY 242/244 <i>SI-141&148</i>
Jan 16 th ~Monday holiday	Orientation	Orientation	January 18 th	Orientation	Orientation
January 23 rd	EXP#1 Vel & Acc	EXP#1 Electrostatics	January 25 th	EXP#1 Measurement & Error	EXP#1 The Coulomb Balance
January 30 th	EXP#2 Motion with Constant Acc.	EXP#2 Equipotential & E-Fields	February 1 st	EXP#2 Motion with Constant Acc.	EXP#2 Electric Field Mapping I
February 6 th	EXP#3 Projectile Motion	EXP#3 Kirchhoff's Laws	February 8 th	EXP#3 2-D Motion	EXP#3 Electric Field Mapping II
February 13 th	EXP#4 Newton's Laws	EXP#4 RC Circuits	February 15 th	EXP#4 Equilibrium of Particles	EXP#4 Electrostatics & Capacitance
Feb 20 th ~Monday holiday	EXP#5 Centripetal Force	EXP#5 Electron's e/m	February 22 nd	EXP#5 Newton's 2 nd Law	EXP#5 Resistance Measurement
February 27 th	EXP#6 Conservation of ME	EXP#6 Magnetism	February 29 th	EXP#6 Definition of Mass	EXP#6 Basic DC Circuits
March 5 th	EXP#7 Momentum Conservation	EXP#7 AC Circuits	March 7 th	EXP#7 Work-Energy	EXP#7 RC Circuits
March 12 th	<i>Spring Recess ~No Lab</i>	<i>Spring Recess ~No Lab</i>	March 14 th	<i>Spring Recess ~No Lab</i>	<i>Spring Recess ~No Lab</i>
March 19 th	EXP#8 Rotational Inertia & Torque	EXP#8 Mirrors	March 21 st	EXP#8 Conservation of Momentum	EXP#8 Ratio e/m of the Electron
March 26 th	EXP#9 SHM – Pendulum	EXP#9 Lenses	March 28 th	EXP#9 Rotational Inertia & Tor.	EXP#9 Magnetic Force
April 2 nd	EXP#10 Archimedes' Principle	EXP#10 Single & Double Slit	April 4 th	EXP#10 SHM	EXP#10 Faraday's Law
April 9 th	EXP#11 Gas Thermometer	EXP#11 Photoelectric Effect	April 11 th	EXP#11 Pendulum	EXP#11 Dispersion Prism
April 16 th	EXP#12 Puck Gas	EXP#12 Hydrogen Spectrum	April 18 th	EXP#12 Standing Waves	EXP#12 Geometrical Optics
April 23 rd	EXP#13 Vibrating String	EXP#13 Radioactivity	April 25 th	EXP#13 Resonance in Air Columns	EXP#13 Double Slit
April 30 th	EXP#14 Air Column	EXP#14 Bubble Chamber	May 2 nd	EXP#14 Gas Thermometer	EXP#14 Diffraction Grating

Schedule and room location are subject to change. 12/21/23