

FALL 2025 PHYSICS LABORATORY SCHEDULES

Week #	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>
1	August 26 th	Orientation	Orientation	August 28 th	Orientation	Orientation
2	September 2 nd ~Monday holiday	EXP#1 Force Table	EXP#1 Electrostatics	September 4 th	EXP#1 Force Table	EXP#1 The Coulomb Balance
3	September 9 th	EXP#2 Vel & Acc.	EXP#2 Equipotential & E-Fields	September 11 th	EXP#2 Measurement & Error	EXP#2 Electric Field Mapping I
4	September 16 th	EXP#3 Motion with Constant Acc.	EXP#3 Kirchhoff's Laws	September 18 th	EXP#3 Motion with Constant Acc.	EXP#3 Electric Field Mapping II
5	September 23 rd	EXP#4 Projectile Motion	EXP#4 RC Circuits	September 25 th	EXP#4 2-D Motion	EXP#4 Electrostatics & Capacitance
6	September 30 th	EXP#5 Newton's Laws	EXP#5 DAQ Circuit Measurement	October 2 nd	EXP#5 Newton's 2 nd Law	EXP#5 Resistance Measurement
7	October 7 th	EXP#6 Centripetal Force	EXP#6 Electron's e/m	October 9 th	EXP#6 Centripetal Force	EXP#6 Basic DC Circuits
8	October 14 th ~Monday no classes	EXP#7 Operational Def of Mass	EXP#7 Exploration in Magnetism	October 16 th	EXP#7 Work-Energy	EXP#7 RC Circuits
9	October 21 st	EXP#8 Conservation of ME	EXP#8 Mirrors	October 23 rd	EXP#8 Operational Def of Mass	EXP#8 Ratio e/m of the Electron
10	October 28 th	EXP#9 Momentum Conservation	EXP#9 Lenses	October 30 th	EXP#9 Conservation of Momentum	EXP#9 Magnetic Force
11	November 4 th	EXP#10 Rotational Inertia & Torque	EXP#10 Single & Double Slit	November 6 th	EXP#10 Rotational Inertia & Torque	EXP#10 Faraday's Law
12	November 11 th	No Lab	No Lab	November 13 th	EXP#11 SHM	EXP#11 Geometrical Optics
13	November 18 th	EXP#11 Vibrating String	EXP#11 Photoelectric Effect	November 20 th	EXP#12 Standing Waves	EXP#12 Double Slit
14	November 25 th	EXP#12 Air Column	EXP#12 Hydrogen Spectrum	November 27 th	No Lab	No Lab
15	December 2 nd	EXP#13 Archimedes' Principle	EXP#13 Radioactivity	December 4 th	EXP#13 Resonance in Air Columns	EXP#13 Diffraction Grating

Schedule and room location are subject to change. 06/30/25