

PHYSICS LABORATORY SCHEDULES

Fall 2007

Week of	PHY 221	PHY 222	PHY 231	PHY 241/243	PHY 243H	PHY 242/244	PHY 474 Th 6-8pm (4 Set-ups)
Aug 27	Exp #1 SI-117 Velocity & Acceleration	No Lab	SI-118~ Forces & Torque	Orientation Lab SI-117	Exp#H1 SI117 Force Table	Exp.#1 SI-148 The Coulomb Balance	EXP 1: GAS LAW SI-141
Sept 3	No Lab	Exp #1 SI-148 Equipotential & E-Fields	SI-117 Velocity & Acceleration	Exp.#1 SI-118 Measurement & Error	Exp.#1 SI-118 Measurement & Error	Exp.#2 SI-141 Dipoles	EXP 2: MELTING OF ICE SI-117
Sept 10	Exp #2 SI-118 Newton's Laws	Exp #1A SI-141 Charge, Current, V, R and Cap.	SI-117~ Projectile Motion (No Equipment)	Exp.#2 SI-118 Measurement of Time & Acc.	Exp.#2 SI-118 Measurement of Time & Acc.	Exp.#3 SI-148 Equipotential &E-Fields	EXP 3: EQUIVALENT OF HEAT SI-117
Sept 17	No Lab	Exp #2 SI-141 DC Circuits	SI-118 Newton's Laws	Exp.#3 SI-118 2-D Motion	Exp.#3 SI-118 2-D Motion	Exp.#4 SI-148 Qualitative Field Map.	
Sept 24	Exp #3 SI-118 Momentum Conservation	Exp #3 SI-141 RC Circuits	SI-118~ Uniform Circular Motion	Exp.#4 SI-118 Newton's 2 nd Law	Exp#4/5 SI118 Newton's 2 nd Law/Definition of Mass	NEW SI-148 Electrostatics	
Oct 1	No Lab	Exp #4 SI-141 AC Circuits	SI-118 Conservation of Mechanical Energy	Exp.#5 SI-118 Definition of Mass	Exp.#6 SI-118 Work-Energy Theorem	Exp.#5 SI-148 Wheatstone Bridge	
Oct 8	Exp #5 SI-117 Gas Thermometer	No Lab	SI-118 Momentum Conservation	Exp. #6 SI-118 Work-Energy	Exp#H2 SI118 Conservation of Energy	Exp.#6 SI-148 DC Circuits	
Oct 15	Exp #4 SI-117 Conservation of Mechanical Energy	Exp #5 SI-148 Electron's e/m	SI-118~ Rotational Kinematics	Exp.#7 SI-118 Conservation of Momentum	Exp.#7 SI-118 Conservation of Momentum	Exp.#7 SI-141 RC Circuits	
Oct 22	Exp #6 SI-117 Puck Gas	Exp #6 SI-141 Magnetism	SI-118 Moment of Inertia	Exp.#8 SI-118 Moment of Inertia	Exp.#8 SI-118 Moment of Inertia	Exp.#8 SI-148 e/m	
Oct 29	Exp #7 SI-117 Archimedes Principle	Exp #6A SI-141 Faraday's Law	SI-118~ Harmonic Motion	Exp.#9 SI-118 SHM	Exp.#9 SI-118 SHM	Exp#8ASI-148 Magnetic Force	EXP 4: Cp/Cv RUCHARDT OSCILLATION SI-141
Nov 5	Exp #8 SI-118 Vibrating String	Exp #7 SI-141 Relativistic Electron	SI-117 Archimedes Principle	Exp#9ASI-118 Pendulum	Exp#H3 SI117 Archimedes Principle	Exp#9 SI-141 Faraday's Law	
Nov 12	Exp #9 SI-117 Air Column	Exp #8 SI-141 Photoelectric Effect	SI-118~ Melting of Ice	Exp#10 SI-117 Vibrating String	Exp#10 SI-117 Vibrating String	Exp#10 SI-148 Dispersion Prism	
Nov 19	Exp #10 SI-148 Lenses	Exp #9 SI-141 Hydrogen Spectrum	SI-117 Gas Thermometer	Holiday	Holiday	Holiday	
Nov 26	Exp #11 SI-148 Slits & Diffraction	Exp #10 SI-141 Radioactivity	SI-118 Puck Gas	Exp#11 SI-118 Air Column	Exp#11 SI-118 Air Column	Exp#11&12 SI148 Mirrors & Lenses	
Dec 3	Exp #12 SI-141 Polarized Light	Exp #11 SI-117 Bubble Chamber	SI-118~ Review	Exp#12 SI-117 Gas Thermometer	Exp#12 SI-117 Gas Thermometer	Exp#13 &14 SI-148 Slits & Diffraction	

Schedule is subject to change at professors' discretion. 9-8-07