

PHYSICS 2640 LABORATORY

<u>Week of</u>	<u>Experiment</u>
Jan. 13	Lab 00 The Oscilloscope
Jan. 20	*** No Labs ***
Jan. 27	Lab 01 RL & RC Circuits
Feb. 3	Lab 02 LCR Circuits
Feb. 10	Lab 03 Diodes & Transistors
Feb. 17	Lab 04 Operational Amplifiers
Feb. 24	Lab 05 Velocity of Light (LC Circuit) and Signals on Transmission Lines
Mar. 3	Lab 06 Velocity of Light (Pulsed Laser Diode), Doppler Effect, and Thermal Radiation
Mar. 10	*** Spring Break ***
Mar. 17	Lab 07 Franck–Hertz Experiment
Mar. 24	Lab 08 Photoelectric Effect, h/e with Light Emitting Diodes, and Wavelength Measurement with a Grating Spectrometer
Mar. 31	Lab 09 Optical Spectra and Electron Diffraction
Apr. 7	Lab 10 Diffusion Cloud Chamber and Electron Spin Resonance
Apr. 14	Lab 11 Radioactivity: Half–Life and Beta and Gamma Absorption
Apr. 21	Lab 12 Gamma Ray Spectroscopy

