

PHYSICS 2640 LABORATORY

<u>Week of</u>	<u>Experiment</u>
Jan. 23	Lab 00 The Oscilloscope
Jan. 30	Lab 01 RL & RC Circuits
Feb. 6	Lab 02 LCR Circuits
Feb. 13	Lab 03 Diodes & Transistors
Feb. 20	Lab 04 Operational Amplifiers
Feb. 27	Lab 05 Velocity of Light (LC Circuit) and Signals on Transmission Lines
Mar. 6	*** Spring Break ***
Mar. 13	Lab 06 Velocity of Light (Pulsed Laser Diode), Doppler Effect, and Thermal Radiation
Mar. 20	Lab 07 Franck–Hertz Experiment
Mar. 27	Lab 08 Photoelectric Effect, h/e with Light Emitting Diodes, and Wavelength Measurement with a Grating Spectrometer
Apr. 3	Lab 09 Optical Spectra and Electron Diffraction
Apr. 10	Lab 10 Diffusion Cloud Chamber and Electron Spin Resonance
Apr. 17	Lab 11 Radioactivity: Half–Life and Beta and Gamma Absorption
Apr. 24	Lab 12 Gamma Ray Spectroscopy

