

PHYSICS 2640 LABORATORY

<u>Week of</u>	<u>Experiment</u>
Jan. 25	Lab 00 The Oscilloscope
Feb. 1	Lab 01 RL & RC Circuits
Feb. 8	Lab 02 LCR Circuits
Feb. 15	Lab 03 Diodes & Transistors
Feb. 22	Lab 04 Operational Amplifiers
Feb. 29	Lab 05 Velocity of Light (LC Circuit) and Signals on Transmission Lines
Mar. 7	*** Spring Break ***
Mar. 14	Lab 06 Velocity of Light (Pulsed Laser Diode), Doppler Effect, and Thermal Radiation
Mar. 21	Lab 07 Franck–Hertz Experiment
Mar. 28	Lab 08 Photoelectric Effect, h/e with Light Emitting Diodes, and Wavelength Measurement with a Grating Spectrometer
Apr. 4	Lab 09 Optical Spectra and Electron Diffraction
Apr. 11	Lab 10 Diffusion Cloud Chamber and Electron Spin Resonance
Apr. 18	Lab 11 Radioactivity: Half–Life and Beta and Gamma Absorption
Apr. 25	Lab 12 Gamma Ray Spectroscopy

