

Fall 2025

EENG/MENG 2204 Electronics Lab Schedule

Lab 1: The Oscilloscope and Phase Measurements (*Week 1*)

Lab 2: Series and Parallel Resonance (*Week 2*)

Lab 3: Diodes, Light Emitting Diodes, Zener Diodes (*Week 3*)

Lab 4: Bode Plot, Filters (*Week 4*)

Lab 5: Square Wave Generator using a Hex Schmitt Trigger Inverter 74HC14 (*Week 5*)

Lab 6: Bipolar Junction Transistor Characteristics (*Week 6*)

Lab 7: BJT Transistor Amplifier (*Week 7*)

Lab 8: JFET Characteristics (*Week 8*)

Lab 9: 4 Bit Asynchronous Counter using D flip flops (*Week 9*)

Lab 10: Linear Op Amp circuits (*Week 10*)

Lab 11: Seven-Segment Display (*Week 11*)

Make-Up Lab (*Week 12*)