ECE 351 Laboratory Parts List

Resistors
- 110 Ω, 5%, 1 Watt
- 22 Ω, 3 Watt, 5% – Load for DC Power Supply
- 1 Ω, 5%, 1 Watt
- 8 Ω, 5%, 5 Watt (15 Available for checkout)
- 1% Resistors – 12k, 100, 27k, 7.5k, 7.5k, 47, 47k, 56, 56k (For ECE300 only)

Capacitors
- 0.01 UF, Ceramic, +/- 2% (For ECE 300 only)
- 220 µF, 25 Volt, electrolytic
- 470 µF, 25 Volt, electrolytic
- 680 µF, 25 Volt, electrolytic

Diodes
- Zener, 1N4733A, 5.1 V, 1 Watt
- Rectifier, 1N5401, 3 A, 50 or 100 V (4 required per group)

Integrated Circuits
- LM317 – Positive adjustable voltage regulator in TO-220 package
- LM7815 – 15 Volt regulator in TO-220 package
- LM7915 – -15 Volt regulator in TO-220 package
- CA3046 – Transistor Array

Transistors
- TIP31 – 3 A, power BJT, npn
- TIP32 – 3 A, power BJT, pnp
- ZVN3306A – n-type MOSFET
- MPF102 n-type JFET

Hardware
- Heat sinks for TO-220 Package
- Heat sink for 16 – pin dip package

Misc
- 12V AC to AC Wall transformer, 500 mA (15 Available for checkout)