

# Section 1 Pre-Lab

## 1 Section 1 Preparation

1. Search the Internet to find a price for each of the three pieces of equipment used in section 1 of the ENGR 201 lab.
  - a. Oscilloscope: Tektronix TDS210
  - b. Power Supply: Tektronix CPS250
  - c. Digital Multimeter: Fluke 45 Dual Display Multimeter
2. List three different electrical properties that can be measured with a DMM (Digital Multimeter)
3. What are oscilloscopes, and why are they used?

## 2 Things to Bring

There are five things that need to be brought to lab on week 2.

1. ENGR 201 Cables from the OSU Bookstore, they are about \$35.00
2. ENGR 201 parts kit, handed out in lab this week
3. 4 AA batteries for the datalogger
4. A printed out copy of a resistor color code chart (Label the colors if you do not use a color printer).
5. A completed pre-lab