Test Equipment

ECE 401 - Homework #8

Meet in room 237 - can redo

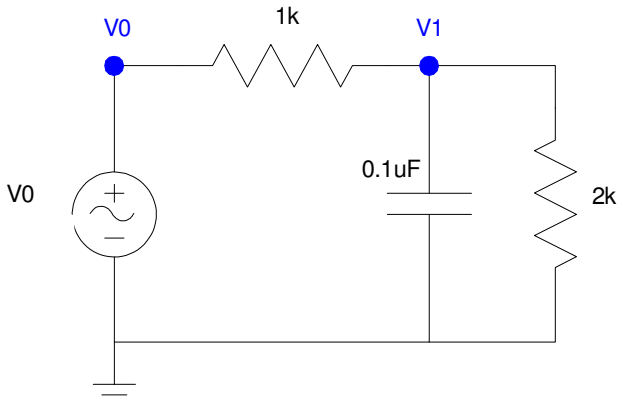
One Solution per Group

- But each person should know how to obtain this data
- If you don't like your score, you can repeat this on March 22nd

Build the following circuit on a breadboard

- Set the DC voltage of the input to 0.50V DC
- Set the AC voltage of the input to 1.0V peak
- Set the frequency to

  f = 1250Hz



Lab Data: Measure

Digital Multi-Meter	
DC (average) Voltage at V1	AC (rms) Voltage at V1
Oscilloscope	
Probe Calibrated? ____ Yes ____ No	
DC (average) Voltage at V1	AC (peak-to-peak) Voltage at V1
Frequency of V1	Phase Shift from V0 to V1