Test Equipment

ECE 403 - Homework #9

One Solution per Group

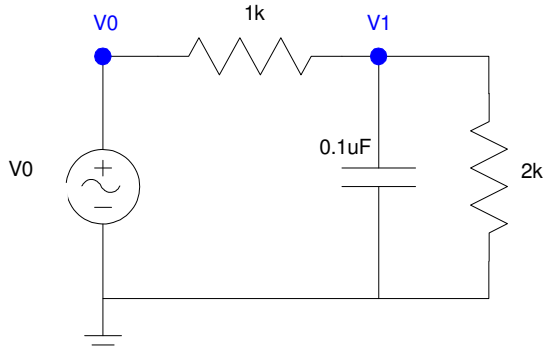
- But each person should know how to obtain this data
- If you don't like your score, you can repeat this on October 27th

Build the following circuit on a breadboard in AGHill 110

- Set the DC voltage of the input to 1V DC
- Set the AC voltage of the input to 2Vpp
- Set the frequency to

  f = (900 + 100*mo + day) Hz

where mo/day is your birthday



Lab Data: Measure

Digital Multi-Meter	
DC (average) Voltage at V1	AC (rms) Voltage at V1
Oscilloscope	
DC (average) Voltage at V1	AC (peak-to-peak) Voltage at V1
Frequency of V1	Phase Shift from V0 to V1