MEEM 5990

Getting Data in the Lab

Name: Spring 2016

**Preclass Survey**

1. What is your experience/proficiency with the following languages:
   1. LabVIEW None Minimal Some Proficient Expert God-like
   2. Matlab None Minimal Some Proficient Expert God-like
   3. Python None Minimal Some Proficient Expert God-like
   4. C/C++ None Minimal Some Proficient Expert God-like
   5. Fortran None Minimal Some Proficient Expert God-like
   6. \_\_\_\_\_\_\_\_\_\_ None Minimal Some Proficient Expert God-like
   7. \_\_\_\_\_\_\_\_\_\_ None Minimal Some Proficient Expert God-like
2. Circle the following programming terms you understand:

int double if-then-else for-loop while-loop structure/record

class inheritance circular-buffer semaphore big-O notation

1. Circle the following computer hardware terms you understand:

PCI USB memory interrupt DMA bandwidth

1. I understand the difference between voltage and current.

Yes No Huh?

1. I understand the sources and solutions for electrical noise.

Yes No Huh?

1. I answered “Yes” to Question 4, but really I was lying.

True I answered “No” to Question 4

1. Are you working in a lab? Whose? What is the general focus?
2. What do you hope to get out of this class?