

Name: _____

Preclass Survey

1) What is your experience/proficiency with the following languages:

- | | | | | | | |
|------------|------|---------|------|------------|--------|----------|
| a. LabVIEW | None | Minimal | Some | Proficient | Expert | God-like |
| b. Matlab | None | Minimal | Some | Proficient | Expert | God-like |
| c. Python | None | Minimal | Some | Proficient | Expert | God-like |
| d. C/C++ | None | Minimal | Some | Proficient | Expert | God-like |
| e. Fortran | None | Minimal | Some | Proficient | Expert | God-like |
| f. _____ | None | Minimal | Some | Proficient | Expert | God-like |
| g. _____ | 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

3) Circle the following computer hardware terms you understand:

PCI USB memory interrupt DMA bandwidth

4) I understand the difference between voltage and current.

Yes No Huh?

5) I understand the sources and solutions for electrical noise.

Yes No Huh?

6) I answered "Yes" to Question 4, but really I was lying.

True I answered "No" to Question 4

7) Are you working in a lab? Whose? What is the general focus?

8) What do you hope to get out of this class?