

# AME 3623: Project 4 Group Grading Rubric

March 2, 2016

Group number:

Team member names:

Team member claiming software component:

## **Implementation: 35 points**

### **Circuit 10 points**

- (10) The circuit includes all required components (properly connected), including: Sharp distance sensor.
- (5) One component is missing or not connected properly.
- (0) No components are connected properly.

### **main(): 25 points**

- (25) Fully meets the given specification.
- (12) Fails to meet one aspect of the specification.
- (0) Does not meet the given specification.

## **Demonstration: 25 points**

### **Sensor display: 15 points**

- (15) Main program prints raw sensor values.
- (0) Main program does not print raw sensor values.

### **Sensor test: 10 points**

- (10) Sensor values vary consistently with distance to obstacle.
- (0) Sensor values do not reflect distance to obstacle.

**Documentation: 40 points**

**In-line documentation: 20 points**

- (20) Function includes all appropriate in-line documentation (“appropriate” means that you capture the logic of a line of code or group of lines)
- (10) Some in-line documentation is missing.
- (0) No in-line documentation is given.

**Graphs: 20 points**

- (20) Both graphs are submitted and show correct data, title, and axis labels (including units)
- (13) There is a problem with one of the graphs.
- (10) One graph is missing.
- (0) There are problems with both graphs or the graphs are missing.