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.