AME 3623: Project 5 Group Grading Rubric

March 21, 2016

Group number:

Team member names:

Team member claiming software component:

Implementation: 25 points

read_distance(): 15 points

(15) Fully meets the given specification.
(10) Fails to meet one aspect of the specification.
(5) Fails to meet two aspects of the specification.
(0) Does not meet the given specification.

main(): 10 points

(10) Fully meets the given specification.
(5) Fails to meet one aspect of the specification.
(0) Does not meet the given specification.

Demonstration: 30 points

Reported distances: 30 points

(30) Both distance sensors are reporting appropriate values.
(15) Only one distance sensor is working or the reported distances are not well-calibrated.
(0) Reported distances do not reflect test conditions.

Documentation: 45 points

Project documentation: 5 points

(5) All required project-level information is given at the top of the C and H file(s), including: project number, date, group number, group members, and the group member responsible for the code.

(3) One required piece of information is missing.

(0) Two or more required pieces of information are missing.

Function header documentation: 20 points

(20) All functions are documented with a high-level description, a description of each of the parameters, and a description of the return value (where appropriate).

(15) One function is not documented properly.

(8) Multiple functions are not documented properly.

(0) Function header documentation is not given.

In-line documentation: 10 points

(10) All functions include appropriate in-line documentation. ("appropriate" means that you capture the logic of a line of code or group of lines)

(7) One function is missing in-line documentation.

(3) Multiple functions are missing in-line documentation.

(0) No in-line documentation is given.

Data Graphs: 10 points

(10) Both curves are given and are correct.

(5) Only one curve is given or the curve does not properly reflect the required information.

(0) No curves are given or the curves do not reflect the required information.