AME 3623: Project 1 Group Grading Rubric

February 3, 2015

Group number:

Team names:

Team member claiming software component:

Implementation: 35 points

Circuit 8 points

(8) The circuit includes all required components (properly connected), including: orientation LEDs, LED velocity bar, and switch.

(5) One component is missing or not connected properly.

(3) Multiple components are missing or not connected properly.

(0) No components are connected properly.

display_orientation(): 9 points

(9) Fully meets the given specification.

(5) Fails to meet one aspect of the specification.

(0) Does not meet the given specification.

display_rotation_rate(): 9 points

(9) Fully meets the given specification.

(5) Fails to meet one aspect of the specification.

(0) Does not meet the given specification.

main(): 9 points

(9) Fully meets the given specification.

(5) Fails to meet one aspect of the specification.

(0) Does not meet the given specification.

Demonstration: 30 points

Switch: 10 points

(10) Switch determines display of orientation or rotational velocity.

(0) Switch does not function properly.

Orientation display: 10 points

(10) Orientation display works properly.

(5) Orientation display has one problem.

(0) Orientation display does not function properly.

Rotation rate display: 10 points

(10) Rotation rate display works properly.

(5) Rotation rate display has one problem.

(0) Rotation rate display does not function properly.

Documentation: 35 points

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: 15 points

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

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

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

(0) No in-line documentation is given.