

AME 3623: Project 2-3 Group Grading Rubric

February 19, 2015

Group number:

Team member names:

Team member claiming software component:

Implementation: 35 points

Circuit 5 points

- (5) The circuit includes all required components (properly connected), including: H-bridge and power harness.
- (3) One component is missing or not connected properly.
- (1) Multiple components are missing or not connected properly.
- (0) No components are connected properly.

clip(): 6 points

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

set_lift_motor_direction: 6 points

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

set_lift_motor_magnitude: 6 points

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

set_side_motor_magnitudes: 6 points

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

main(): 6 points

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

Demonstration: 30 points

Switch: 10 points

- (10) Switch determines test type.
- (0) Switch does not function properly.

Middle fan test: 10 points

- (10) Middle fan test works properly.
- (5) Middle fan test has one problem.
- (0) Middle fan test does not function properly.

Side fan test: 10 points

- (10) Side fan test works properly.
- (5) Side fan test has one problem.
- (0) Side fan test 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.