

# AME 3623: Project 2 Group Grading Rubric

February 15, 2016

Group number:

Team member names:

Team member claiming software component:

## **Implementation: 35 points**

### **Circuit 8 points**

- (8) The circuit includes all required components (properly connected), including the three new LEDs.
- (5) One component is missing or not connected properly.
- (2) Multiple components are missing or not connected properly.
- (0) No components are connected properly.

### **clip(): 9 points**

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

### **set\_ledX\_magnitude: 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, including initialization and the production of the LED lighting pattern.
- (5) Fails to meet one aspect of the specification.
- (0) Does not meet the given specification.

**Demonstration: 30 points**

**LEDs: 30 points**

- (30) All three LEDs show an interesting lighting pattern.
- (20) Two LEDs show an interesting lighting pattern (or two LEDs are completely synchronized)
- (10) One LED shows an interesting lighting pattern (or all LEDs are completely synchronized)
- (0) The LEDs do nothing interesting.

**Documentation: 35 points**

**Project documentation: 5 points**

- (5) All required project-level information is given at the top of the C 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: 15 points**

- (15) All functions are documented with a high-level description, a description of each of the parameters, and a description of the return value and other effects (where appropriate).
- (10) One function is not documented properly.
- (5) Two functions are not documented properly.
- (0) Three or more functions are not documented properly.

**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.