

## Robotics Battlebot Contest

Team: \_\_\_\_\_

Student Names: \_\_\_\_\_

Battleplan must include:

- 1) how each sensor will be used
- 2) start strategy
- 3) hit arena edge strategy
- 4) searching strategy
- 5) attack strategy

Battleplan file name: \_\_\_\_\_

Program file name: \_\_\_\_\_

Contest place: grading is designed so that 9th and 10th place can still earn an A- for the project.

3rd or 4th place earns 18 points for battle results.

7th or 8th place earns 14 points for battle results.

Battle results will be the average of as many tournaments possible.

| CATEGORY              | 20  | 16                       | 12   | 8                        | 4  |
|-----------------------|---|--------------------------|--|--------------------------|--|
| Intelligent Behavior  | Both US and LS obviously active and used  |                          | Only one of US and LS obviously active and used  |                          | Neither US nor LS obviously active or used   |
| Battleplan            | Battleplan for robot is clear detailing how the sensors are used and how the robot will respond in key situations.                |                          | Battleplan is missing information about use of some sensors or response in key situations. |                          | Battleplan is unclear or missing.  |
| Construction & Design | Robot designed in accordance with battleplan. Construction is solid and complete.   |                          | Robot design somewhat supports battleplan or is partially functional.                      |                          | Robot design does not support battleplan or is non-functional.   |
| Software              | Software is available in team share. Software is clear and easily understood (comments). Software completely supports battleplan. |                          | Software is available but is somewhat clear or somewhat supports battleplan.               |                          | Software is unavailable or is completely unclear or fundamentally does not support battleplan.                                   |
| Battle Results        | 1st (20pts), 2nd (19pts)  | 3rd (18pts), 4th (17pts) | 5th (16pts), 6th (15pts)   | 7th (14pts), 8th (13pts) | 9th (12pts), 10th (11pts)  |
| Work Ethic            |   |                          |  |                          | Does not use class project time well OR typically is disruptive to the work of others. Playing games on computer or surfing web. |
| Team Contribution     | Strong and vital contributor. Project would not have worked or gone nearly as well if this person was not part of the team.       |                          |  |                          | Contributed very little if anything to the project.  |

Score: \_\_\_\_\_ / 140