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| **16-311 Final Lab Grading Rubric**  **Team Number: \_\_\_\_\_\_\_**  **Group Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |
|  |  |
| **Total possible points = 100** |  |
|  | Completed? |
| Robot moves (25 points) |  |
| Climb 1 Stair (50 points) |  |
| Climb 1 Stair and Reorient Robot toward 2nd stair (5 points) |  |
| Climb 2 stairs (10 Points) |  |
| Climb 3 stairs (5 Points) |  |
| Website (Include team picture with robot, team member names, and description of robot) (5 Points) |  |
| **TOTAL** |  |

**Remember!**

* A stair is considered “climbed” when the ball has crossed the front vertical plane of the stair.
* The stairs of the atrium are not parallel to each other. A robot that reorients is helpful. Consider using sensors.
* To have your climbed stairs count, the ball must remain with your robot.
* Launching the ball is not allowed. Extending some type of arm to raise the ball to the next stair is.
* Only Lego parts and motors from the kits and the NXT may be used.
* Do not tape your ball to your robot. Building a cage around the ball is also not allowed.