EE 149: Microcontroller Programming in LabVIEW
Interfacing Sensors and Actuators with iRobot Create

Check Out Sheet

Name(s): _______________________________________________ Lab: ____________
_____________________________________________ Date: ____________
_______________________________________________

Required Components:

_____ (50) Part 1 – Demonstrate that your robot simulation avoids obstacles and adjusts wheel speeds according to your controller specifications.

_____ (50) Part 2 - Demonstrate your fully autonomous robot, which climbs to the top of a hill, avoids falling off of a cliff, and navigates around obstacles encountered along the way.

Student Signature: __________________________________________
____________________________________________________________________

Instructor Signature: __________________________________________