

Advanced Robotics

Spring Final Project Rubric

You will be required to program your MBot to complete the maze. You must have an autonomous program and a program that starts with a push of a button on your robot or your remote control

	1	2	3	4	5
Robotic Design (25)	Students did not complete a robot	Students created a partial robot but it was not able to run	Students were able to complete a robot but parts were not stable	Students robotic design had a solid robotic design and most parts worked	Students robotic design was well built and all parts worked as designed
Robot Program (50)	Students did not complete a program	Students tried to complete a program but did not finish	Students program was partially able to complete the maze	Students program worked but course correction was needed	Students program worked without any errors
Completion of Task (50)	Students did attempt to complete task	Students were not able to get out of the starting square	Students were able to get to the cup	Students were able to get the cup to the recycle bin	Students were able to complete the entire task

Robotic Design Score: _____ x 5 = _____ Robotic Program Score: _____ x 10 = _____ Completion of Task Score: _____ x 10 = _____

Total Score: _____ / 125 Overall Grade: _____

Comments: