2016 Advanced Robotics Fall Final

Project: Robot Cup Challenge (250)

You and your group must design a robot with an elevator lift that can work autonomously and manually through the remote control. It must retrieve a cup using the gripper and then transport it to a box and using the elevator feature drop it in the box.

Rubric:

Robot Design (50)

Auto Program (50)

RC Program (50)

Completion of Task Auto (50)

Completion of Task RC (50)

Test: Chapters 1- 8 VEX Test (180)

You will be required to complete the multiple choice questions from Chapters 1-8 in the Vex Curriculum. You will be allowed to use any source you want. You must finish within the time Period