

GEAR/TCEA Robotics

Challenge 2: Driving School



Challenge 2.2: Programming to Navigate the Obstacle Course

You'll need a **GO Halliburton** mat for this challenge.

THE OBJECT: Find a way for your robot to move from one of the "Go Halliburton" boxes to the other one without crossing any red line or leaving the mat.

1. Using page 2 of this document, sketch how you want your robot to navigate across the mat.
2. What measurements do you need to take before you start programming?
3. Program your robot to perform the challenge objective.
4. How many move blocks do you need to accomplish the task?
5. How many seconds does it take your robot to move from the start to the finish location?

