



The Ultimate Training Tool for Nationally Popular Robotics Competitions and Systems. ©2017 and Patent Pending Marco Ciavolino and Enktesis, LLC, sales@robotmats.com. Unauthorized duplication or production prohibited
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Mat Type: General Practice / GPM003
Author(s): Marco Ciavolino
Mission Title: Combined Straight and Turn

Suggested Prerequisites: GPM001, GPM002

Sensors: None

Mission Goals

Successful repeatable missions include straight runs and turns. Using the skills gained in the GPM001 and GPM002 setup your robot to run straight out 36” along the ruler, turn 180 degrees, and return. When you have that working, start from the base and run out at various angles, turn and return to the same spot. Lastly, combine the drive/turn combinations by leaving the base along the 0 degree wall, turn 90 degrees, drive, turn 90, drive, turn 90 drive back to base. Properly execute your robot should drive in a square. Then experiment with other combinations.

Mission Participants

Date Completed ___/___/___

Record Your Steps Below

STEP	Task	Notes
1.		
2.		
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STEP	Task	Notes
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