Robotics Programming: Virtual Remote Control Names:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Demonstrate your programming and driving ability by completing the following Remote Control Challenges.

**Bull in the Ring**: Knocking out cans in < 10 sec

Programming (10 Points = 100%)

\_\_\_ Program compiles (4 points)

\_\_\_ Header complete with names, description and date (2 points)

\_\_\_ Code is properly indented (2 points)

\_\_\_ Comments in the program describing the code (2 points)

Performance

\_\_\_\_ Completed (Each team member)

**Robo Slalom I:** Driving through a course. A good time

Programming (10 Points = 100%)

\_\_\_ Program compiles (2 points)

\_\_\_ Header complete with names, description and date (2 points)

\_\_\_ Code is properly indented (2 points)

\_\_\_ Comments in the program describing the code (2 points)

\_\_\_ The driving code is enhanced (2 points)

Performance

\_\_\_\_ Completed (Each team member)

**Round up:** How many laps can you complete in one minute? The code will need to stop you from driving!

Programming (10 Points = 100%)

\_\_\_ Program compiles (2 points)

\_\_\_ Header complete with names, description and date (2 points)

\_\_\_ Code is properly indented (2 points)

\_\_\_ Comments in the program describing the code (2 points)

\_\_\_ A timer is implemented in the code to stop driving after 60 seconds (2 pts)

Performance

\_\_\_\_ Completed (Each team member)