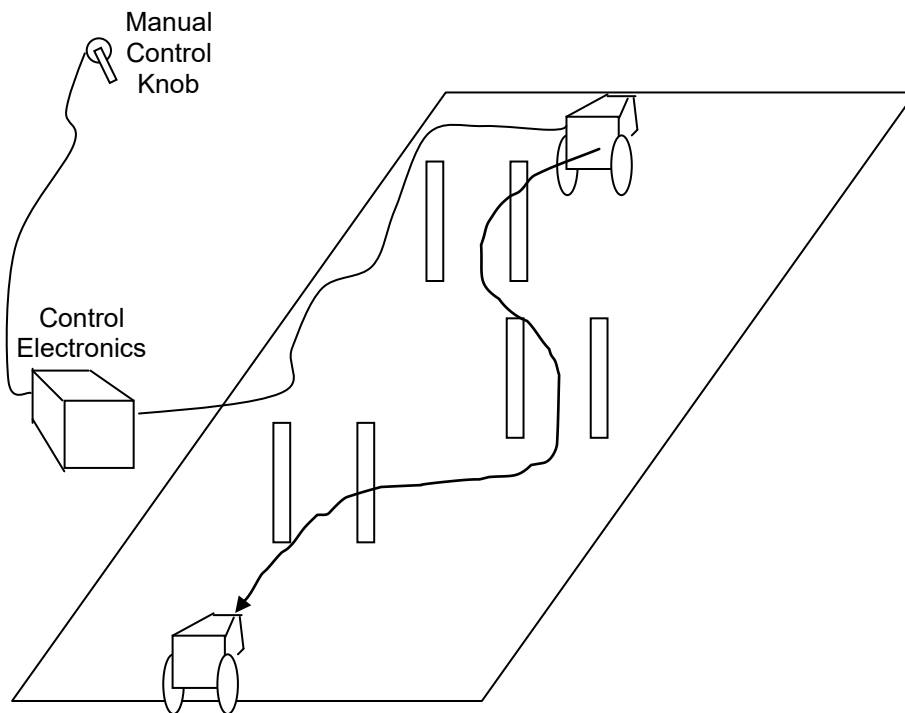


**MAE 106 Mechanical Systems Laboratory
Final Project 2002**

SKIBOT 2002

In honor of the 2002 Winter Olympics, you will design a teleoperated robotic vehicle capable of “skiing” down a slalom course for your final project.



The goal is to steer the gravity-powered vehicle using a manual control knob. You will be provided with a motor for steering as a starting point, and will work in teams of two or three. On the day of the scheduled final, there will be a contest testing your skibot.

Discussion Question: *What are some of the subproblems that you will need to solve in order to successfully complete your project?*

