



Autonomous Interface Engineering

Team 11

The team goal will be to design and construct a robot that is able to track a preplanned collision-free path of a 2-D environment containing circular obstacles of a maximum error of 10% at any point.

The robot should be able to pass through any two closely spaced obstacles and perform turn maneuvers without drifting off-course, when the path planner commands it to.

This robot must be self-contained and self-sufficient (no plug-ins) and capable of running for at least 30 mins without recharge.



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