# Design for a Wireless Emergency Stop System for a Mobile Robot

Mobile robots, particularly experimental platforms, require safety systems to disable them. These systems, often called emergency stop or e-stop systems, cut power to the robot actuators on command or if certain safety conditions are met.

## E-Stop Systems Used in This Lab

The Case Mobile Robotics Group has used a few emergency stop systems in its robots.

## E-Stop Requirements for This Robot

## Version 1 Prototype

## Version 2 Design