



ROBOFEST Unknown Mission Challenge

Saturday, ~~November 16, 2013~~ December 7, 2013

Lawrence Technological University, Management Bldg. M213

Registration fee: \$20

Mission tasks will be totally unknown until the day of competition. The goal of this challenge is to provide an opportunity to develop problem solving skills on the fly without any help from adult coaches.

Teams may use only a specific robot kit. For this November competition, standard LEGO NXT parts, sensors, motors, and one NXT brick should be used. Multiplexors are not allowed. Pre-assembled robots cannot be used.

Age division and capacity for November 2013 competition is

- Junior (5th ~ 8th grade): Maximum 15 teams

Teams can use any programming language and they need to bring their own computer to program the robot. Maximum 2 members per team are allowed to form a team.

There will be a waiting line for the practice field. As long as the practice field is available, teams have unlimited practice runs with their robot before the end of competition. Teams will have 2 “official” runs that will be judged. Winners will be decided by best score of the 2 official runs. Tie breaker will be the time of the best run.

Tentative schedule:

- 8:00am: Check-In begins
- 8:25am: Unknown mission tasks are unveiled
- 8:30am: Competition begins
- 11:45am: Competition ends
- Noon: Awards