

Team Ford First



Team Ford FIRST Tasks for Mid-Winter Event

Team Ford First Chairman's Award

Each team should begin working on their Chairman's award early. To help kick start the process each team should present their first draft of this year's award at the Mid-Winter Event. We expect the format of this year's Chairman's Award will be close to the same as the last couple of years format. Information can be found at:

<http://usfirst.org/uploadedFiles/5%20-%20The%20Awards.pdf>

Each team will submit the written Chairman's award documentation to an e-mail address that will be provided at the November board meeting.

Please read the 2009 manual to know what type written documentation is expected.

Each team will present their Chairman's award to a panel of judges. You will be given your presentation time upon arrival at the event.

Please read the 2009 manual to know what is expected in the interview process.

Team Ford Robust Robot Award

Each team should bring a robot with a complete drive system. It can be a new robot or a machine from a previous season (**CHECK SIZE REQUIREMENTS**). For safety purposes it must use FIRST approved motors, be wired to FIRST standards and use The 2009 FRC Control System or IFI control system (**we encourage teams to use the new system**). A carpeted area will be set up on the gym floor. The field will be carpet 8' wide by 27' long with a platform at the 8' mark and bucket at the 20' mark. Each team will compete in 3 heats, 2 driver controlled and 1 autonomous.

Heat 1 – Fastest time around the course. Starting position; over platform; around bucket back to finish.

Heat 2 – Fastest time around the course. Starting position; around bucket; over platform to finish.

Heat 3 – Fastest time around the course autonomously. Must go over platform and around bucket; you decide what to do first. If course is not completed, points will be assessed for closest to finish line.

Competition Notes:

Each team may have a maximum of 10 minutes between matches to work on their machines. Only students may work on the machines at the event. Only hand tools and battery-powered tools may be used. There **will not** be any power available in your pit area. Bring charged batteries and tools. The platform will be a 1/2 piece of plywood on top of a 2x4 frame. A 4x4 will also be mounted down the center of the top. If your robot leaves the field area, it will be disabled. There will be a practice time before the heats begin. The amount of time is yet to be determined. **The maximum dimensions for the robot are 18" wide x 30" long.**

Team Ford First Design Award

The award criteria will be based on the **GENERAL MOTORS INDUSTRIAL DESIGN AWARD**

Please read the 2009 manual to know what this award involves

Your peers will judge this award; each team will provide a team member to act as a FIRST judge. The student judges will work with a Judge Advisor who will be an adult mentor.

