



2016 Ohio FRC State Championship EVENT HANDBOOK

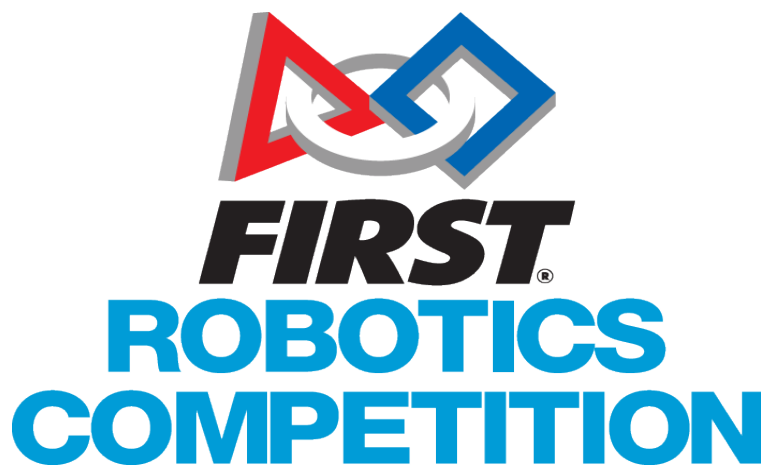


Table of Contents

Welcome!.....	2
Game Rules.....	3
Robot Rules.....	3
Awards.....	3
Anticipated Schedule.....	4
Event Location.....	4
Load-In / Team Check-in / Load-Out.....	4
Facility Entrances and Parking.....	5
Concessions and Other Food.....	6
Want whole pizzas?.....	6
Outside the venue.....	6
Lodging.....	6
Practice Field.....	6
Machine Shop.....	6
Pit Map.....	7



Welcome!

Welcome to the 4th Ohio FRC State Championship! It has been a long competition season and the top teams have worked hard to earn their way in to the event. We await an exciting State Championship day! To keep the fun day from being marred by injury, everyone, including visitors, must wear safety goggles at all times in the pits and near the field.

Five of the top 24 ranked Ohio teams could not attend this event, thus this year we welcome the following teams:

Ranking	Final Ranking Points	Team	Team Name	Home Town
2	68.63	4028	The Beak Squad	Cincinnati
3	64.25	379	RoboCats	Girard
4	59	5413	Stellar Robotics	Mansfield
5	56	4121	Vikings	North Canton
6	48.38	48	Delphi E.L.I.T.E.	Warren
7(T)	48	1014	Bad Robots	Dublin
7(T)	48	4145	WorBots	Columbus
9	43.63	5811	Bonds	Dayton
11	41	3324	The Metrobots	Columbus
13	35.63	2252	The Mavericks	Milan
14	32.5	3138	Innovators Robotics	Dayton
15	31	1590	Titaniums	Lorain
16	30.75	144	The R.O.C.K.	Cincinnati
18	29.25	1308	Wildcats	Cleveland
19	28.25	4085	Technical Difficulties	Reynoldsburg
21	27.5	128	The Botcats	Grandview Heights
22	26.25	2172	Street Legal	Lakewood
23	25.13	1038	Lakota Robotics	Liberty Township
24	24.75	1787	Flying Circuits	Pepper Pike
25	24	4269	CardinalBots	Columbus
26	21.75	695	FIRST Responders	Beachwood
27(T)	20	3010	The Red Plague	Centerburg
27(T)	20	6027	Brain Waves	Newark
29	19.5	4283	Granville Robo Aces	Granville

Game Rules

All applicable Game rules from the 2016 *FIRST* Strongholdsm competition season will apply at the event with these exceptions:

- If adjustable, the Tower Strength will be set to eight as it was during the regular competition season. Teams will be notified if the Tower Strength cannot be changed from the strength of 10 used at *FIRST* World Championships.
- There will be six alliances of four teams each with the #1 and #2 alliances having a “bye” in the first round. Unless a robot is deemed non-functional by the Head Referee, all four robots must be used at least once per playoff round. The alliance captains are determined by the qualification matches.

Robot Rules

All applicable Robot Rules from the Competition season will apply at the event. Exceptions are

1. Teams do not need to bag their robots.
2. Robots will be weighed and measured only
3. Robot Inspections will be abbreviated

Awards

The following awards will be handed out at the event:

Winning Alliance – Trophy and Banner for each team

Finalists Alliance – Trophy and Banner for each team

Third Place Alliance – Trophy for each team

Ohio Mentor of the Year Award – Trophy for winning mentor

The Ohio Mentor of the Year Award will be judged via a one page essay describing why that mentor should win to be turned in no later than Monday, May 15th, 2016, 8:00 pm. Essays should be submitted to Kathy Gerber, Chair, Ohio*FIRST* at kathygerber@cs.com. Please ensure that your submission includes the mentor's name and team number.

Anticipated Schedule

Saturday, May 21st

7:00am	Volunteers Arrive
8:00am	Pits Open
8:30am	Driver's meeting on the Field
9:00am	Opening Ceremonies
9:30am	Qualification Matches
12:30am	Alliance Selection
12:45pm	Lunch
12:45pm	OhioFIRST Meeting (Rm 121C)
1:45pm	Playoff Matches
5:00pm	Awards/Closing Ceremonies
5:45pm	Tear Down/Load Out
8:30pm	Load Out complete

Event Location

**Worthington Kilbourne High School
1499 Hard Road, Columbus, OH 43235**

Load-In / Team Check-in / Load-Out

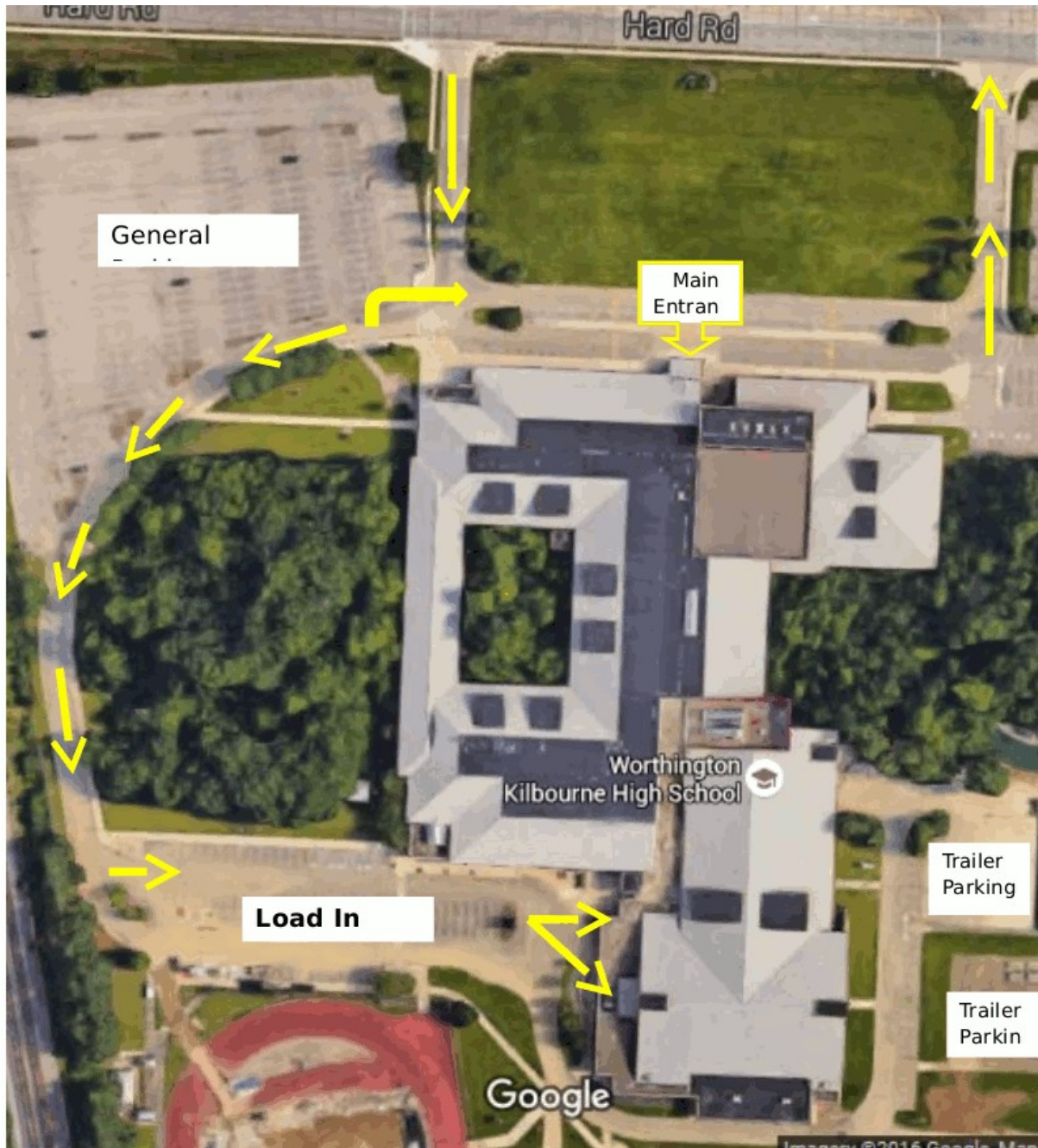
Teams are encouraged to use the **Friday load-in and pit setup time, from 4:30 pm to 8:00 pm**. Teams will be staged first-come-first served. Teams will be directed to QUICKLY unload pit materials and robots in the loading area, then move their busses and team vehicles.

Team check-in will occur between 4:30 pm and 6:00 pm at the Pit Admin table in the pit area.

- Teams may only send in **5 people and at least one must be an adult**
 - o Teams are encouraged to bring 2 adults as 1 adult needs to move the vehicle before loading in team materials.
- Please have all materials ready for load-in – boxes, totes, etc. are much easier to move than individual items!
- You must move your vehicle before loading in.
- We will have a few hand carts and dollies available for those who need them
 - o These will be on a first-come-first-serve basis
- For load-out, teams will need to have all their materials ready to load before having their trailer/bus pull in for load-out.

Teams who were unable to make the Friday night load-in may begin loading their tools/materials and robot in beginning **Saturday morning at 7:45 am**. 5 people ONLY. On Saturday, no one will be allowed to begin setting up their pits or work on their robots until the pits open at 8:00 am.

Facility Entrances and Parking



Concessions and Other Food

The following food items will be available at concessions:

Hot Dog: \$2.00 Chick-Fil-A: \$5.00 Pizza: \$3.00 Nacho & Cheese: \$3.00 Pretzel & Cheese: \$3.00	Popcorn: \$1.00 Chips: \$1.00 Pop & Gatorade: \$2.00 Water: \$1.00 Coffee: \$1.00
---	---

Want whole pizzas?

Pizzas from Romeo's Pizza may be **pre-ordered** by sending an email to Tom Karns (tkarns@wscloud.org) by May 19th. Include the number and type of pizzas requested. Include team number and name in your email. Pizzas will need to be paid for at the concessions window before 11:00 am on Saturday.

Cost per 14" pizza (10 pieces) is Pepperoni, \$15, and Cheese, \$13.

Outside the venue

For those not choosing to purchase from the concession stand or pre-order whole pizzas, there are fast food chains and restaurants nearby. If you go out for lunch please ensure you are back in time for the after-lunch matches.

Lodging

Since the event is on the outskirts of Columbus, there are many hotels in the area. However, hotels outside of the immediate area might be more reasonably priced and the competition's location is only a few blocks from an exit on Interstate 270.

Practice Field

There will not be a practice field available, so please plan accordingly.

Machine Shop

There will not be a machine shop available on site. There will be a band saw, drill press, and disc/belt sander available.

Pit Map

To avoid blockages in the hallways between the playing field and the pit area, please follow the flow of the red arrows. (Note that the pits are not to scale in this map.)

