

Fox Valley FTC Qualifier

January 11, 2020

High School

155 Warner Street, Hortonville, WI 54942

Remember, this is an official event: there will be matches, judging, inspections, cheering, and advancement! Please share this entire document with your team: **all team members/coaches/mentors are responsible for all of the information in this document.**

**Team check-in** is:

Saturday, January 11, 2020 between 7:00 – 8:45 am

Please review all of the following important information:

**1. The Venue**

* This event will be held in our usual venue at Hortonville High School.

155 Warner Street,

Hortonville WI 54944

<https://goo.gl/maps/6iEMh3ptfLpKKbQo9>

* All events will happen on the ground floor with no events requiring stairs or elevators.
* Please notify us if you have any team members that have special needs.

**2. Team Drop Off & Check-In**

* When teams arrive on Saturday, January 11th, they will use the main front entrance to the school (driveway circle by doors).
* Please be respectful of other teams and move vehicles as soon as they are unloaded.
* Only have one adult check your team in, all other team members should proceed to the Commons Area to prepare your pit area. During check-in, the adult team member should be prepared to turn in:
  + Your team’s **Engineering Notebook**. Teams are required to submit an Engineering Notebook to be eligible for most awards.
  + Your team’s **Control Award Content Sheet** (optional). This will be used by judges when determining the winner of the Control Award for this event. Submit one copy at Registration and leave one copy in your Engineering Notebook.
  + ***FIRST* Release Forms** for all team members/coaches/mentors. This is considered a *FIRST* event so teams are encouraged to have all team members/coaches/mentors registered online and bring a printed team roster from TIMS to check-in at the event. This online form only needs to be completed once for ALL FTC events this season, but the coach will need to bring a printed roster to every event.

**3. Parking**

There will be plenty of parking in the school parking lot the day of the event in the front parking lot of the school

**4. Safety**

Everyone is **required** to wear safety glasses in the pit area, around the practice field and around the playing fields. Teams are required to bring their own safety glasses for their members, coaches, mentors and visitors (we will only have limited supply of extra safety glasses at the venue). Additionally, please make sure you wear closed-toe shoes at all times of the day. We will be enforcing and monitoring these safety items. Some other safety items to keep in mind:

* Power tools are not allowed inside Hortonville High School. Teams may bring battery powered screwdrivers, as long as they are not used to drill or to grind. **See Practice Field Manager if any drilling or machining is needed.**
* Soldering, chemical gluing or brazing methods are not allowed at the Fox Valley FTC Qualifier. Teams may do them outside of the building.
* Please review section 4 of the “Skystone” Game Manual – Part 1 for an overview of the event.

**5. Schedule of Events**

Below is the **planned** schedule of events for the day’s competition:

2020 FOX VALLEY FTC QUALIFIER

EVENT SCHEDULE

|  |  |
| --- | --- |
| 7:00 – 8:45 AM | Check-In / Registration |
| 7:30 – 10:30 AM | Judging Interviews & Robot/Field Inspections |
| 10:30 – 10:45 AM | Drivers/Coaches Meeting |
| 11:00 – 11:20 AM | Opening Ceremonies |
| 11:30– 12:30 PM | Qualification Matches |
| 12:30 – 12:45 PM | Lunch Break |
| 12:45 – 3:30 PM | Completion of Qualification Matches |
| 3:30 – 3:45 pm | Alliance Selections |
| 4:00 – 5:00 pm | Elimination Rounds |
| 5:15 pm | Closing Ceremonies / Awards |
| 6:00 pm | Pit Area Closes |

**6. List of Teams**

There are currently 24 teams competing from Wisconsin, which may change.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Team #** | **Team Name** | **School/Org** |
| 1 | 17235 | Mr COD | Middleton |
| 2 | 16513 | Perplexed Purple Cats | Stoughton |
| 3 | 14542 | OVERRIDE | Hartland |
| 4 | 17395 | Parabola Robotics | Verona |
| 5 | 14064 | Apple CRISPR | Middleton |
| 6 | 14432 | Gemini Robotics | Madison |
| 7 | 15899 | Koi Robotics | Middleton |
| 8 | 10686 | Phoenix | Verona |
| 9 | 16252 | Ruh-Roh Robotics | Two Rivers |
| 10 | 4605 | Beaver Dam RoboHackerz | Beaver Dam |
| 11 | 6984 | Stempunk Jr. | Mishicot |
| 12 | 6426 | Robohodags | Rhinelander |
| 13 | 16001 | Robo Dons | Marshfield |
| 14 | 6985 | Droid Rage Rewired | Valders |
| 15 | 8572 | Wall-Y Robotics | Waterford |
| 16 | 12311 | Tech-No-Logic | Madison |
| 17 | 14284 | Wildcats Gold | Milwaukee |
| 18 | 14820 | Wildcats Blue | Milwaukee |
| 19 | 13838 | Robotic Rebels | Wabeno |
| 20 | 13828 | Ziptie Zoomers | Milwaukee |
| 21 | 15958 | Golda Roboteers | Milwaukee |
| 22 | 17347 | Golda Girls | Milwaukee |
| 23 | 11570 | Etude Engineers | Sheboygan |
| 24 | 13625 | Chair Chasers | Manitowoc |

**7. Judging Interview Schedule**

All teams have an **assigned judging time**. This time is subject to change. Please verify time upon arrival. Significant changes will be sent out prior to the event. Teams must be sure to turn in their Engineering Notebook at the time of check-in. This will enable the judges to review the materials before the beginning of your judging session. Below is the judging interview schedule which was randomly generated by the FTC scoring system. Teams will be escorted to their judging room and should expect to be brought to the judging area ~5 minutes before their assigned judging time.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Judging Time** | **Judging Panel 1** | **Judging Panel 2** | **Judging Panel 3** | **Dean’s List** |
| 7:30AM | 14542 | 6985 | 16252 |  |
| 7:50 AM | 11570 | 14432 | 4605 |  |
| 8:10 AM | 13625 | 13828 | 15958 |  |
| 8:30 AM | 14820 | 14284 | 17347 |  |
| 8:50 AM | Break | Break | Break | Break |
| 9:00 AM | 8572 | 12311 | 6984 |  |
| 9:20 AM | 10686 | 15899 | 17395 |  |
| 9:40 AM | 17235 | 16513 | 14064 |  |
| 10:00 AM | 6426 | 16001 | 13838 |  |

**8. Hardware/Field Inspection & Field Test**

**There will not be assigned times for inspections**. The inspection areas will be open from 7:30AM until 10:30AM which is during the judging sessions. The inspection tables are located on each end of the main competition area. During this time you should complete robot and field inspections as well as a field connection test to insure your robot communicates properly with your Drivers Station.

**IMPORTANT:** Your team’s robot will be required to pass hardware and field inspections before being cleared to compete. These inspections will ensure that all FTC Robot rules and regulations are met. Please review the Robot Inspection section of the Game Manual - Part 1. The official FTC “Robot Inspection Checklists” are located in Appendix B & C. **Teams are required to conduct a self-inspection of their robot and submit the completed inspection forms to the inspector during your inspection**. **Inspections will not proceed without the self-inspection process.**

**9. Coaches & Drivers Meeting**

The Drivers/Coaches meeting will cover Referee expectations of teams during their time on the competition fields. During this meeting, all aspects of what is expected of the drive team, student coaches, adult coaches, mentors and spectators, while your team is competing on the fields at the Fox Valley Qualifier will be discussed. This meeting is mandatory for the student drivers and robot coaches. It will be at 10:30 am on Saturday, January 11th, 2020 on the bleachers near the competition fields.

**10. Pit Space**

Each team will have a designated pit area no larger than 9’x9’ in the Hortonville High School Commons Area, just inside the main doors. The pit space will be used for working on the robot, displaying information about your team, and talking with judges and spectators. Teams are required to maintain the pit display within the designated boundaries. Everyone in your pit MUST wear safety glasses at all times.

* Pit assignments will be assigned numerically. To be easily identified by judges, queuers and other volunteers, we ask that teams not move their pit assignments.
* Teams should have a representative in their pit at all times (except during Opening and Awards Ceremonies).
* Each pit will have a table, electricity and access to 2 chairs. Please be respectful of the boundaries of your neighbor’s pit displays as we will not have pipe & drape dividing the pits. **We currently have a shortage of extension cords and power strips. It is highly suggested that every team brings at least one extention cord and/or power strip on the day of competition**

Teams should never leave anything of value unattended at the event. For added protection, it is recommended that teams use security locks/cables to attach computers to a large object such as a table. Please label all robot batteries, battery chargers, controllers, etc. with your team number. Turn in lost & found items to the Pit Manager. We are not responsible for lost or stolen items or for items left behind. Please do a complete inventory check (including laptops, coats, cameras, engineering notebook, batteries, chargers, etc.) before your team leaves the venue. Left behind items will not be sent to teams.

**11. Practice Field**

There will be a full practice field provided with all field elements. However, there will not be game controllers setup on the practice field. Teams will be responsible for bringing their own controllers and Drivers Station to use at the practice field.

**12. Competition Area & Spectators**

There will be plenty of bleacher seating in the Gym where the competition fields are located. **There is NO food or drinks allowed in the Gym. This is very important that we follow this rule so that we may continue to host this event. Please eat in the Commons Area just outside the gym.**

**13. Opening/Closing Ceremonies**

Opening and closing ceremonies will be held in the Gym by the competition fields.

**14. Host Team & Key Volunteers**

The Fox Valley FTC Qualifier is being hosted by the Hortonville Robotics – FTC Team 6981 in partnership with the Hortonville Area School District. If you have any questions throughout the day, please feel free to talk to any adult wearing a Hortonville Robotics team shirt or an FTC Volunteer Shirt and we will do our best to answer your question(s). On the day of the event, I will be assisting our event staff in various locations throughout the day. The following key volunteers can also help answer your questions:

|  |  |
| --- | --- |
| Tournament Director | Rita Nowotny |
| Judge Advisor | Shawn Hunter |

**15. Food Options**

Teams may bring in food or beverages for the event. However, our German Club will be supplying concessions for the event. We will have sandwiches, pop, water, candy, etc. at reasonable prices and we are hoping that you will support them during this event. **Again, please note that no food or beverages will be allowed in the Gym during our event.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **FOX VALLEY QUALIFIER MENU** | | | | | |
| **Meal Items** | | **Snacks** | | **Drinks** | |
| Taco Boat | $3.00 | Donuts | $1.00 | Gatorade | $2.00 |
| Hot Dog | $2.00 | Muffins | $1.00 | Water | $2.00 |
| Candy | $1.50 | Popcorn | $1.00 | Soda | $2.00 |

**16. Advancement to Wisconsin FTC Championship**

There will be **FIVE** teams advancing from this qualifier to Wisconsin’s FTC Championship at MSOE in February 2020. The decision about what teams advance will be based on the Advancement Criteria outlined in Section 7 of the FTC Game Manual – Part 1.

**17. Cancellation Policy**

* In the event that your team can not attend because of bad weather but the event was not cancelled – no refund will be issued.
* In the event that the event is cancelled due to bad weather – we will attempt to calculate a refund based upon receipts minus funds spent in preparation of the event. The teams advancing to the State Championship would then be determined by Wisconsin’s FTC Affiliate Partner.

Thank you all for making this a great event! We are excited that you will be joining us for an exciting Fox Valley FTC Qualifier!!!!

Rita Nowotny

Tournament Director

920-284-3603

[rita@hortonvillerobotics.com](mailto:rita@hortonvillerobotics.com)

Revision 4.0