

Poudre Qualifier Tournament Information

"Food Factor"

Saturday, November 12th, 7:30am - 4:15pm

Tournament Day Schedule

7:00 - Setup and Volunteer Check-in

- Saturday Table Delivery & Setup crew
- Judges & volunteers start arriving

7:30 - **Doors Open at Poudre High School Gym**

- Coaches check in (Pay any fees owed, turn in Consent forms, pick up T-Shirts, Info. Packet, Practice, "Pit" Set Up)
- Judges' meeting with Head Judge in classroom near gym
- Coffee and pastries available in the early hours, near the check in tables. This is a fund raiser for Alpine Robotics, Poudre's FIRST robotics team.

8:10 - **Coaches Meeting with Tournament Director & Head Referee (main gym)**

8:30 - Tournament Kick Off / Opening Ceremonies

9:00 - **Judging and Robot Practice Rounds**

- Technical interviews, research project presentations, teamwork activity
- Each team will have two robot practice rounds in the morning

11:30 - Lunch

- Pre-ordered pizza available for pickup
- Pizza, hot dogs, drinks, and snacks available at concession stand throughout the day as a fundraiser for the Poudre High School Robotics team

12:20 - **Competition Matches**

3:00 - Top Four Teams in Final Four - Friendly Matches

3:20 - Medal Ceremony

3:40 - Poudre FIRST Robotics Team Demo

3:50 - **Awards Ceremony [*]**

[*] May be delayed depending on judge deliberations.

Project Presentations

- Only teams indicating they have a project presentation (via TMS) will have a presentation time scheduled for them.
- Teams need to bring whatever they need for the presentation.
- Presentations should last no more than 5 minutes (including setup) with an additional 5 minutes of Q&A with judges.
- Guests are welcome to observe.
- A team's schedule will allow 10 minutes between their presentation and any other activity.
- The research project presentation is one-third of a team's total score.
- A research project is required to advance.

Technical Interview

- The technical interview will take place in the main gym. The team will run a demonstration match in concert with the practice matches. This match will not be scored, it is entirely to provide an opportunity to show the technical judges what the robot can do under competition conditions.
- Immediately after the match the team and judges will move to judge table on the south side of the gym. This would be a good time for the coach or a parent to collect all the robot parts as the team only has 10 minutes for the match and interview.
- Teams and judges should feel free to engage in discussion before and even during the demonstration match. You may want to designate a team member to provide a running commentary on what the team is doing during the course of the match.
- It is also beneficial to bring a laptop computer or print outs of your programs in order to discuss your software with the judges.
- The technical interview is one-third of a team's total score.

Teamwork Activity

- Teamwork & Gracious Professionalism is a fundamental component of all FIRST programs and this activity is an effort to raise the awareness and practice of Gracious Professionalism.
- All teams will have a teamwork activity during the event. The activity will not be announced ahead of time and should be kept confidential by the teams - don't want to give other teams an advantage!
- The teamwork activity will consist of a 5 minute task to be performed by the team followed by a 5 minute discussion period with the judges on "how things went". For folks familiar with Odyssey of the Mind this is similar to the "Spontaneous" event.

- Coaches of the team are welcome to observe, please limit this to two coaches.
- The teamwork activity is one-third of a team's total score.

Robot Performance

In the afternoon, there will be 3 competition matches for each team. There will be 12 competition tables set up as 6 table pairs (Table 1A/Table 1B, Table 2A/Table 2B, ... Table 6A/Table 6B). For round 1, the teams assigned to table pairs 1, 2, and 3 will run their robots. For round two, the teams assigned to table pairs 4, 5, and 6 will run their robots. Round 3 will take place on tables 1, 2, and 3 again. Each round lasts 5 minutes and the rounds will continue to alternate like this continuously throughout the afternoon. While one half of the tables are running, teams on the other half will be setting up and preparing for their match. Remember, a match only lasts $2\frac{1}{2}$ minutes and the additional time will be used for scoring review. Each team will have 50 minutes between the starts of their matches.

- Each team will receive their schedule at the beginning of the tournament and it can be downloaded on-line after Wednesday November 9th.
- **Please note that the competition schedule may compress or expand depending on how smoothly the competition matches are running.** So please make sure you remain aware of how the competition schedule is progressing during the afternoon in order to avoid missing one of your matches.
- There will be a signal every 5 minutes for the next match to start. **If you are late for your match, you will forfeit that match.** There will be a waiting area for each team so they can arrive early and move onto the table at their appointed time. **Please show up at least 5 minutes prior to the start of your match so you can be queued up for your table.**
- The highest robot performance score of the three competition matches will be used to determine award eligibility.
- A team must have a robot performance score in the top 50% to be considered for advancement.

Announcements:

- Pre-order your own team pizza(s)! Pre-paid 16" large pizzas (cheese or pepperoni). Pizzas should be ordered prior to the tournament using TMS (order from your team page).
- Lunch & Snacks will be provided from 9:00-3:00. All concession revenue goes towards funding Poudre High School's *FIRST* Robotics team 159. Please consider supporting the PHS team.
- Unprofessional behavior by any member of a team may result in disqualification of the team.
- Tournament T-shirts can be ordered on the fill.coloradofirst.org website (order from your team page). Cost is \$8 per shirt. **T-shirt orders due Sunday October 31st.** Limited quantities will be available for purchase at the Tournament for \$10 each.
- Every competitor gets a medal at the tournament. Extra medals can be ordered on the

fill.coloradofirst.org website (order from your team page). Cost is \$4 per medal.

Advancement to Championship

The Poudre Qualifier will advance 12 (25%) teams to the Championship event to be held December 10th at the Auraria Event Center in Denver. Some important details about advancing:

- Only those teams that indicate they are interested in advancing as of November 9th will be considered. Indicate your preference via TMS.
- Advancement is based on team rank at the event. A team's ranking is based on project presentation, technical interview and teamwork. A project presentation is required to be considered for these advancement positions. A robot performance in the top 50% is required to advance.
- There is an additional \$75 event fee for the Championship event.
- Team volunteers will be required for Championship participation. (Know who they are by November 11th so that you will be able to complete the Championship registration process quickly in the event that you qualify to advance.)

Advancement selection will be announced during the awards ceremony at the end of the tournament.

Awards

The following awards will be given as described in your team manual in the "Awards" section:

- Champion's Award 1st, 2nd (overall, highest honor).
- Robot Performance (1st, 2nd)
- Robot Design - Outstanding Mechanical Design (1st, 2nd)
- Robot Design - Outstanding Programming (1st, 2nd)
- Robot Design - Strategy & Innovation (1st, 2nd)
- Project - Innovative Solution (1st, 2nd)
- Project - Outstanding Presentation (1st, 2nd)
- Project - Outstanding Research (1st, 2nd)
- Core Values - Inspiration (1st, 2nd)
- Core Values - Teamwork (1st, 2nd)
- Core Values – Gracious Professionalism (1st, 2nd)
- Outstanding Volunteer Award*
- Outstanding Coach Award*
- Outstanding Young Adult Mentor Award*

* Each of the awards with a star will be selected from the nomination forms attached.

What to do?

Before the tournament:

- Pay the tournament registration fee and the T-shirt fee **no later than November 5th**. This will be done using the shopping cart on fll.coloradofirst.org (order on your team page). If paying by check, do not mail after November 5th, plan to settle your account at the event.
- Download your team schedule after Wednesday November 9th.
- Identify your team volunteers for the Championship now in the event your team advances.

The day of the tournament:

- Start with team check-in; **turn in your Consent forms**; pick-up your team packet (T-shirts and tournament schedule)
- Find your pit table (see Pit Assignment Poster).
- 8:10 Coaches meet with Tournament Director and Head Referee for last minute updates.
- Attend kick-off ceremony at 8:30AM
- Do matches, technical interview, project presentation, and teamwork activity!!
- **Have Fun!**

What to Bring

- Consent forms for ALL participants (team members, coaches, mentors, etc.) ([link](#))
- Nomination forms (optional)
- Remember to bring your own extension cords (100 ft. or so) if needed. Power will be limited due to site constraints. Great way to 'connect' with neighboring teams!
- Final payment for pre-ordered pizza (and other charges if not yet paid.)
- Do **not** bring your table or field setup kit unless requested by the Tournament Director.