

BunnyBots 2024

Oregon Event Details

1. Registration

Registration is \$150 per robot. We'll waive the fee if this fee is a hardship. Space is limited, so registration is first-come first-served.

You must register online at www.team1540.org/bunnybots by November 15th, 2024 or before it fills. We'll likely cap registrations at 20 teams this year to keep the number of people manageable. Catlin Gabel School will be building a new community and wellness center in the next two years, which will support larger events and additional spectators.

Please send the check (made out to "Catlin Gabel School") before the event to:

ATTN: Kevin Forbes
Catlin Gabel School
8825 SW Barnes Rd.
Portland, OR 97225

Please include your team number either on or with the check!

2. Schedule

FRIDAY, DEC 13th	
5:00pm	Optional team pit/robot load-in and setup
~6:00pm	Field available for practice
8:00pm	Close of venue
SATURDAY, DEC 14th	
8:00am	Doors open Team pit/robot load-in and setup
8:30am	Field available for calibration and practice
9:30am	Opening remarks Driver meeting
10:00am	Qualification matches start
12:00pm	Lunch break
1:00pm	Qualification matches resume
3:00pm	Alliance selection
3:30pm	Semifinals begin
4:45pm	Winners announced

3. Communicable Disease Policy

Catlin Gabel's current COVID-19 policy is available [here](#) and includes the following:

- COVID-19 vaccines are strongly recommended but not required
- Masking is optional for all settings and activities, but is highly recommended in indoor spaces for individuals that: are at high risk of severe disease and hospitalization, are unvaccinated, have compromised immune systems or underlying health conditions, are 65 and older, or live with others who are at high risk
- Stay home when ill. All community members and visitors are asked to not come to school or attend school-related activities when sick, have a fever, or are exhibiting any symptoms.

4. Spectators

Due to our limited spectator space, BunnyBots this year is open only to team members, coaches, mentors, and carpool drivers. Carpool drivers are those transporting three or more high school team members. We will webcast the event.

5. Webcast

A live webcast will be available the day of the event at www.team1540.org/bunnybots.

6. Site Map

UNLOADING

BunnyBots is played in the gym (Miller Swigert gym, northwest corner of [this map](#)) at Catlin Gabel School. Teams may unload in the small parking lot outside the gym but need to park in the main lot across campus.

PIT AREA

The pit area will be in covered Tennis Court 1 next to the gym as normal. Pits are a minimum of 10'x10' and assigned one per robot. Each team must bring a tarp to put down in their pit area to protect the strangely delicate floor.

Teams may not have any drinking fluids other than water in the pit area. When these spill, and they will, it causes significant damage to the floor.

Bring 100' of extension cord and two powerstrips for the pit area.

No tables or chairs are provided in the pit areas. If you want either, bring them yourself.

You'll want to bring your robot cart as the pit areas aren't in the same area as the competition arena. Four inch minimum wheel size.

The short walk between the pits and the field is not covered. Depending on weather, teams may wish to bring a bag or tarp to protect their robot from the rain.

7. Videographers

Every team is encouraged each to assign a videographer to record their matches to share later with family members who can't attend.

8. Random Stuff

Teams must arrange for their own lunches or students can bring their own. There is no off-campus food to speak of within a quick walking distance, but there is a QFC supermarket, Starbucks, Chinese, sushi, and pizza about a mile east on Barnes Road. Pizza Schmizza will also happily deliver whole pizzas that you pre-order. Call 503-292-3500 a day before and tell them you are attending the robotics competition at Catlin and would like the pizza delivered to the gym.

Robots must use ONLY the 5GHz or 6GHz band on their routers and robots. Teams can do what they like in the 2.4GHz band so long as it doesn't interfere with robotics play. WiFi will be

left on in the gym but please don't stream video while there to preserve bandwidth for everyone.

Bring as many charged batteries as you can. Don't assume your batteries from previous seasons are still good without testing under load. Lead acid batteries are notoriously grumpy about being left discharged for any length of time. The rounds go quickly and the batteries sometimes don't have much time to recharge. If you are a new team, consider borrowing batteries and chargers from a team who isn't taking part or buy extras from AndyMark or MK Battery (who offers significant discounts for FIRST teams, call them at 800-372-9253.) Bring as many 6 amp or lower battery chargers as you can to the event.

Catlin Gabel's robotics lab is nearby and is available to teams with major machining needs, so please do not bring large power tools (a hand drill may be handy).