



Team Information Packet

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University of Southern Indiana *FIRST*[®] LEGO[®] League Challenge Qualifier

Tournament Date, Time, Location and Contact

Date: November 19, 2022

Time: 8:00 A.M. – 3:00 P.M.

Location: University Center West (Carter Hall), University of Southern Indiana, 8600 University Blvd., Evansville, IN 47712

Tournament Contact: Allison Grabert, afgrabert@usi.edu

Schedule

Time	Activity
8:00 AM	Team Check-in & Pits Open
8:15 AM	Coach Meeting
9:00 AM	Judging Begins (All Judging is CLOSED to the public)
9:00 AM	Practice Round Begins (Open to the Public)
12:15 PM	Robot Game Opening Ceremony (Open to the Public)
12:30 PM	Official Robot Rounds Begin (Open to the Public)
2:00 PM	Robot Game Ends
2:30 PM	Closing Ceremony (Open to the Public)

Directions

<https://www.usi.edu/map/#CarterHall>

Parking

Please park in Lot C, north of the USI Screaming Eagles Arena.

Food

- Pizza lunches will be provided at no cost to each team. Each team will receive two cheese pizzas and two pepperoni pizzas. These will be delivered to pit tables at 11 a.m. Ice water will also be provided.
- The Loft (USI Dining Hall) is next door to Carter Hall. Lunch and breakfast items can be purchased from 10:30 a.m. – 3:00 p.m.
- Per USI Policy, coolers and outside food items are not permitted in the University Center.
- Complimentary coffee will be available for coaches in Traditions Lounge. The Starbucks in Rice Library will also be open from 10:00 a.m. – 5:00 p.m.

Dress

Dress for all teams is casual. We encourage your team to adopt a fun and unique team identity, which allows others to understand something about your team, your engineering experience, or your Innovation Project. Remember to **HAVE FUN!**

Team Size

A competitive team consists of a minimum of two (2) and a maximum of ten (10) children. Team members must be between the minimum and maximum age or grade allowed in their region.

Team Check-in

Team check-in will run from 8:00 A.M. – 8:15 AM.

Coaches must submit the following for their teams to the team check-in volunteers:

- **Team Roster (for United States and Canadian regions):** Download your team roster from the Team Registration System, print a copy, and bring it to team check-in. Please also submit a Team Introduction page at registration. (Team Introduction Pages should be submitted to judges during the judging session as well). Staple additional [FIRST® Consent and Release Forms](#) to the Team Roster for any team member or coach who does not have an electronic consent form on file. A FIRST Consent form is required for every team member, coach, and mentor who will be with the team during the competition day.

Prior to the event, coaches and the parents/guardians of each team member must complete the USI Photo Release Form. This form can be completed online at:

<https://tinyurl.com/USIPRF/>

Your team will receive the following at Team Registration:

- **Team Badges or Lanyards:** One badge will be provided for each team member and two coaches. Your team will only receive two coach badges, even if your team works with more than two coaches and mentors. Your team will need to decide what two adults will be spending the day with the students. **NOTE: At least one adult coach is required to supervise the team at all times during the tournament.**
- **Schedule of Events and/or a Program Book:** The schedule for the day can be found at the end of this packet and on our website at: <https://www.usi.edu/science/southwest-indiana-stem/usi-first-lego-league-qualifying-tournament>. You will be notified of any changes to the schedule. Changes will also be updated on the website.
- **Practice table reservations** should be made ahead of time by using the online scheduler found at: <https://tinyurl.com/22PracticeTable>

Pit Area

The Pit is where your team will spend most of the time. This is where you will work on your robot and programming. This is also the area where you can enjoy downtime with your team, get to know other teams, see their robots, and find out about their Innovations Projects. Your team will have access to:

- One standard-sized table
- At least two (2) chairs
- Electricity – Bring an extension cord and a power strip, as your access point will consist of a single outlet/plug. A power strip will allow you to charge your robot and your laptop at the same time.

We recommend that you bring the following for your team to have in the Pit Area:

- A bin or large bags (like trash bags) to store personal belongings, like coats, under your table
- Your robot and all your robot supplies (attachments and additional building pieces)
- Your laptop computer and power cord
- An extension cord and power strip
- A box or small bin to carry your robot and attachments to and from the competition area. You must unload all your equipment onto the table at official matches.
- Games (there will be long periods of downtime – bring some small games that the team can play when things are slow)

Some Pit Area Rules for you to keep in mind:

- Coaches should refrain from handling the robot, attachments or the computer. **NOTE: If your team encounters technical difficulty, let someone at the tournament know so that the officials at the event understand why a coach might need to handle a robot or work on the computer.**
- Remember to be gracious professionals when using a Practice Table:
 - Practice table reservations should be made ahead of time by using the online scheduler found at: <https://tinyurl.com/22PracticeTable>. Determine which practice

time fits into your team's schedule and reserve it as soon as possible. Each team is allowed only one 30-minute slot. Sign-ups are secured on a first-come, first-served basis. Please see your tournament director for any schedule conflicts.

- You do not have to be present for your entire practice table session.
- Be mindful of your time and other teams' needs. Please be courteous and allow a team facing a crisis to use your practice time).
- Reset the Practice Table for the next team.
- Make sure you check that you do not take a mission model from the Practice Table!
- Offer help to teams that may need it!

Coaches' Meeting

The Coaches' Meeting will be held in the **Carter Hall at 8:15 AM**. At least one team coach should attend this meeting. Make sure that another coach or mentor is assisting the team to set up their pit area during this time. At this meeting, your team's coach will have the opportunity to:

- Meet the Tournament Director
- Meet the Head Referee
- Understand the flow pattern through the competition area
- Ask judging-related questions
- Ask Robot Game questions
- Ask any other tournament-related question

Judging

Team judging begins at 9:00 AM. Each team will be judged within a single judging session. Your team will spend ten (30) minutes with your assigned judging pod. Only team members and two (2) coaches will be allowed into the judging rooms. Nobody from the team should stand behind the judges. Coaches should be silent observers of the judging process and refrain from influencing the session in any way. If you choose to use a PowerPoint presentation, you must bring your own laptop to share the presentation with judges. The judging schedule is tight. Please be on time for your judging session and don't forget to bring a **team introduction page** to your judging session.

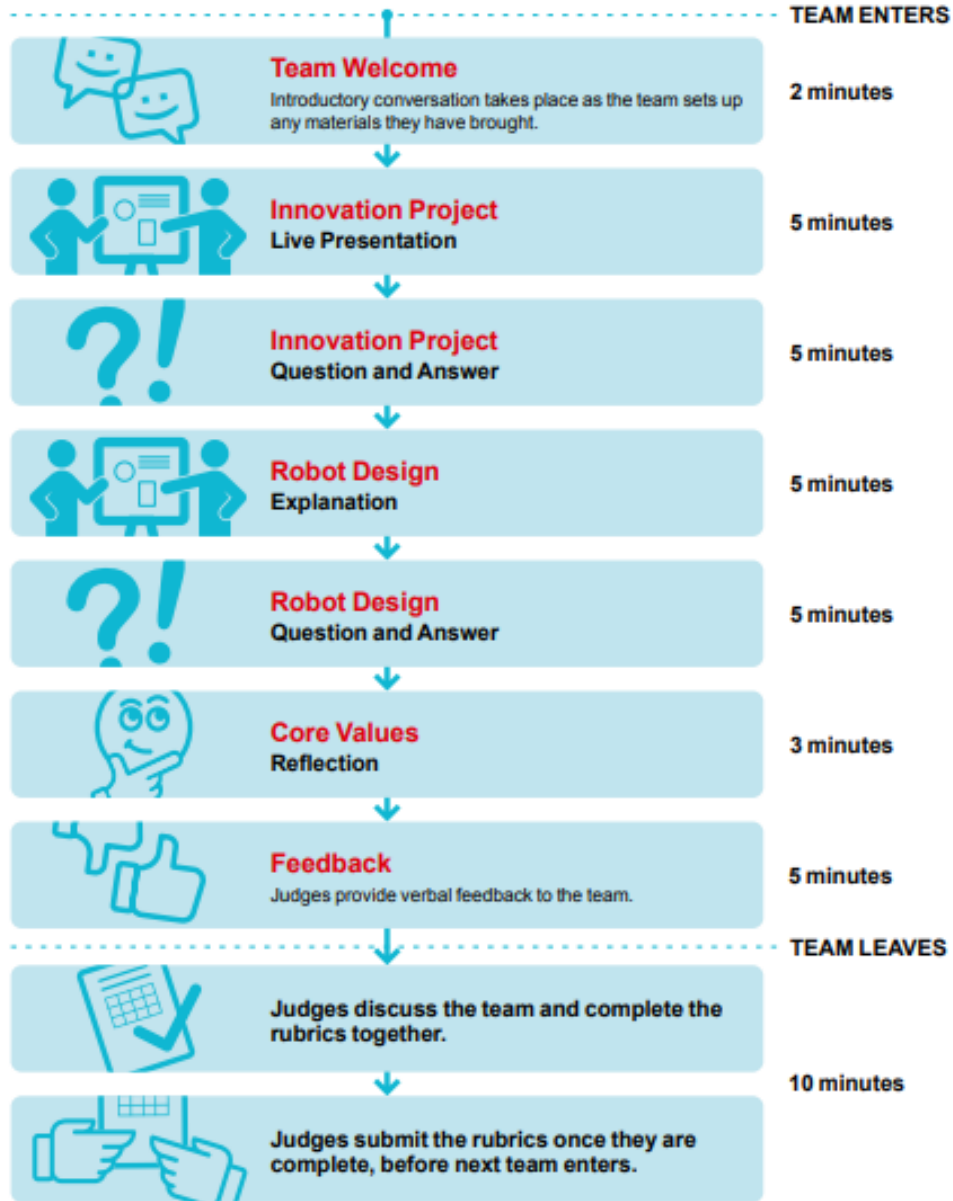
All cell phones (team members & coaches) must be turned off during the judging sessions.

Please make sure to review [the rubrics](#) with your team prior to coming to the event. The following outlines what you can expect in each of the judging session:

Judging Session Flowchart

Teams should demonstrate Core Values in everything they do. The judges are excited to see how they show **teamwork**, **discovery**, **inclusion**, **innovation**, **impact**, and **fun** as they present their Innovation Project and Robot Design work.

This is the team's time to shine, so try to settle their nerves and encourage them. Please make sure they don't leave anything in the judging room, including any documentation, when they leave.



Opening Ceremony

At **12:15 PM** just prior to the start of the Robot Performance rounds, join us for the Opening Ceremony! This is a fun celebration to open the spectator portion of the event and will occur after your judging sessions are complete. The ceremony will begin with a Parade of Teams – bring your team banners or signs (if you have them) and your team spirit! After this ceremony, you will be ready to tackle the Robot Game!

Spectators

The Robot Game is free and open to the public, starting at 12:30 PM. The judging portion of the event, which will happen all morning, is closed to the public. Thank you for respecting this policy. Please remember to respect the team-only areas – the competition floor area (the area where teams queue and compete) and the judging area.

Robot Game

Your team is responsible for knowing and understanding the *FIRST* LEGO League Challenge Robot Game. All of the game documents can be found on the [FIRST LEGO League website](#).

You are required to know the following for the robot competition: Field Setup, Rules, Missions, and Robot Game Updates.

Coaches: Two coaches will be permitted to join the team on the competition floor, but you must stay behind the line with the team and refrain from actively directing the team during the game. Please do not touch or handle the robot or attachments during this time. Consider yourselves spectators with the best spot in the house to watch the game.

Your team will participate three (3) times at the Tournament Tables. Your Robot Performance score is the highest score your team achieves out of the three official rounds.

NOTE: Remote controls are not allowed anywhere at this tournament (This includes Smartphone applications that enable you to control your robot remotely). Bluetooth may not be used. Your team could be disqualified if you are found remotely controlling your robot anywhere during the competition or if your Bluetooth is enabled in the competition area!

Make sure you are ready to compete at least ten (10) minutes prior to your scheduled robot round. Remember to respect the referees and the other teams – and **HAVE FUN!**

Awards

Descriptions of *FIRST* LEGO League Challenge awards can be found [here](#). The following awards will be presented at this tournament:

- Champion's Award
- Core Values Award
- Innovation Project Award
- Robot Design Award
- Robot Performance Award
- Coach/Mentor Award
- Judges Awards

Championship Advancement

Four teams from this tournament will be invited to advance to the Indiana *FIRST* LEGO League State Championship held on Saturday, December 10, 2022, at the University of Indianapolis, based on Champion's rank.

What is *Gracious Professionalism*®?

Gracious Professionalism® is part of the ethos of *FIRST*®. The idea and phrase are found throughout *FIRST*, but no one has been a stronger champion than *FIRST* Executive Advisory Board Co-Chair & Distinguished Advisor, Dr. Woodie Flowers.

"*Gracious Professionalism* is a way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community. With *Gracious Professionalism*, fierce competition and mutual gain are not separate notions. Gracious Professionals learn and compete like crazy but treat one another with respect and kindness in the process."

We expect all team members, volunteers, coaches, and families to behave as Gracious Professionals.

Tournament Cancellation Policy

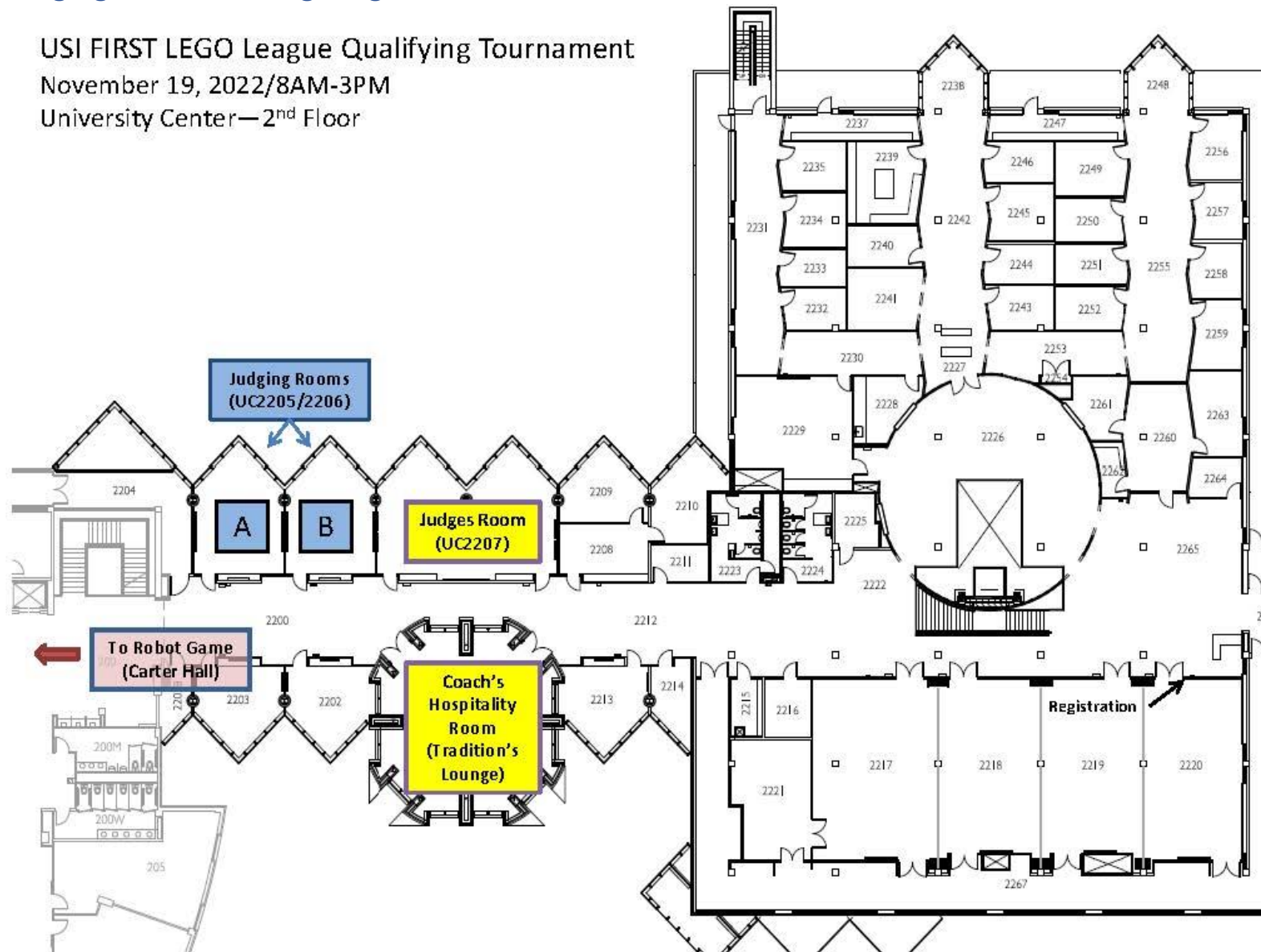
The USI FLL Qualifying Tournament will be canceled or delayed due to causes and conditions beyond the tournament organizers' control, including, but not limited to inclement weather, acts of nature, government restrictions, and/or any other cause beyond the tournament organizers' control. Please refer to local news and radio for current county advisories. If the event must be canceled, it will not be rescheduled, and advancement to the (Championship Name) *FIRST* LEGO League Championship will be determined by lottery of teams registered for this event.")

Competition Day Checklist

	Team Roster/Team Introduction Pages (x4)
	Robot, attachments, extra parts, field kits
	Fresh batteries/spare batteries/rechargeable battery charger
	Computer and battery (if available) and power cord
	USB download cable (<i>Bluetooth use is NOT permitted at the tournament</i>)
	Extension cord and power strip
	Box to carry robot to competition field
	Bin to hold personal and team items (coats, games, etc.) to fit under pit table
	Project judging materials, props, displays, laptops (if necessary)
	Graphics demonstrating programming strategy for robot design judging
	Team games or activities for downtimes (optional)
	Team banner or poster to carry for ceremonies or for pit space (optional)
	Team giveaways (optional)
	Money for Starbucks/additional food at The Loft (optional)

Judging Room Building Diagram

USI FIRST LEGO League Qualifying Tournament
November 19, 2022/8AM-3PM
University Center—2nd Floor



Robot Game Building Diagram

USI FIRST LEGO League Qualifying Tournament

November 19, 2022/8AM-3PM

University Center—2nd Floor





Team Introduction Page

Team Name: _____ **FLL Team #:** _____

Names of Team Members	Birthdate

*Additional Instructions: Please bring **4** copies of this form (including a team picture) to the Championship tournament. One copy is for registration, and the others are for your judges.*

Insert team picture here or attach to form as a separate sheet.