

FIRST[®] 2024 CHAMPIONSHIP

PRESENTED BY

BAE SYSTEMS

FIRST[®] ROBOTICS COMPETITION EVENT GUIDE

UPDATED: 4/2/2024

LIGHTS. CAMERA. STEAM!

FIRST. IN SHOW.

PRESENTED BY **Qualcomm**

Contents

Introduction.....	4
Accessible Seating	4
Alliance Selection	4
Awards and Ceremonies	4
Awards Schedule.....	4
<i>FIRST</i> Impact Award Finalist Seating Area	5
Hall of Fame Booth.....	5
Buttons (Drive Team, Media).....	5
Pit Crew Buttons for Playoff Rounds:	5
Media Button.....	5
Division Breaks.....	5
Concessions	6
Pre-Order Lunch.....	6
Division Fields	6
Field Measurement & Robot Sensor Calibration and Connection Test	6
Match Play.....	7
Drivers' Meeting	7
Einstein Matches	7
Einstein Field Access.....	7
Einstein Tournament and Fields	7
Einstein Tournament Competing Teams Seating Area	7
Inspection	8
Judging.....	8
<i>FIRST</i> Impact Award Interviews	8
Pit Judging.....	8
Load In & Load Out (Robot Shipping).....	9
Robot Shipping	9
Packing for Championship.....	9
Load In.....	9
Early Load In.....	9
Load Out.....	10
Use of 53' Trailers for Load In and Load Out	10
Lost and Found	10
Parking	11

FIRST.2024 CHAMPIONSHIP

PRESENTED BY
BAE SYSTEMS

Pits	11
Pit Admins.....	11
Pit Announcements.....	11
Pit Closing.....	11
Pit Hours	11
Division Playoff Pits	12
Practice Fields.....	12
Prayer Room	12
Radios	12
Queuing.....	13
Quiet Room	13
Report a Concern	14
Restrooms	14
Robot Service.....	14
Electrical & Software Assistance	14
Machine Shop.....	14
Robot Service Center	14
Spare Parts.....	14
Schedule	15
Team Check-in	15
Volunteers	15
Webcast	15

Introduction

The 2024 *FIRST*® Championship presented by BAE Systems will bring together 600 teams. Congratulations on qualifying for this amazing, life-changing event; We are so glad you are joining us!

Teams may also reference the [FIRST® Robotics Competition FIRST Championship webpage](#) for similar information in addition to layouts and eventually pit locations (once assigned). The webpage will be updated as soon as information is available while this document is updated every few weeks. **Please reference the webpage for final details and timing.**

Teams are required to follow all Event Rules (found in Section 13 of the [Game Manual](#)) at *FIRST* Championship. This guide contains helpful information, but if you have additional questions or concerns, please contact us at firstroboticscompetition@firstinspires.org. Please also reference the [FIRST Championship Event Guide](#) for information that is applicable to all attendees such as information about badging, Conferences, Innovation Faire, and more!

Accessible Seating

Accessible seating is available for all fields. If your team needs accessible seating, please indicate this when you register for badging to help us with planning. There will be space for the person in need plus up to 3 additional members from their team. Due to space constraints, most of the team will need to sit in the reserved stands behind the accessible seating. If a student is the one in need, we ask that at least 1 adult sits in the reserved area.

Please be aware that anyone sitting in the Accessible Seating area must wear safety glasses. Please see a volunteer for directions to seating.

Alliance Selection

Alliance Selection takes place on each Division Field on Saturday from 7:15 AM - 7:45 AM. Each team needs to send 1 representative to the floor in front of their Division Field before the start of Alliance Selection. Alliances are comprised of 4 teams. More information about Alliance Selection can be found in the [Game and Season Manual](#).

Awards and Ceremonies

Awards Schedule

Event	Date	Time	Where
Hall of Fame Flag Raising Ceremony	Wednesday,	4:30 PM – 4:45 PM	Galileo Field
Dean’s List Award	Friday	11:45 AM – 1:15 PM	Hilton Americas, Ballroom of the Americas
<i>FIRST</i> Impact Award Finalist Awards	Saturday	7:00 AM	Division Fields
Division Awards	Saturday	presented during Playoffs (8:30am – 12:00pm)	Division Fields
Closing Ceremony including: <ul style="list-style-type: none"> Outstanding Volunteer Award Woodie Flowers Award Championship <i>FIRST</i> Impact Award Finalist Winner 	Saturday	2:00 PM	Division Fields

FIRST Impact Award Finalist Seating Area

The 6 *FIRST* Impact Award Finalist teams receive 40 wristbands for team members to sit in reserved audience sections (the lobby side bleachers – Mass (Galileo) through Energy (Johnson)) during the Einstein Playoff Matches & Closing Celebration. Please see the Einstein Tournament Competing Teams Seating Area [section](#) for specifics.

Hall of Fame Booth

The Hall of Fame Booth honors previous *FIRST* Robotics Competition Championship Chairman's Award Winners (now called the *FIRST* Impact Award). The *FIRST* Impact Award represents the spirit of *FIRST* and remains *FIRST* Robotics Competition's most prestigious award.

This year, the Hall of Fame Booth has moved to the 2nd floor as part of the Innovation Faire. The Hall of Fame Booth is open Wednesday – Friday from 10am – 4pm.

The Hall of Fame booth also has the *FIRST* Impact Award Clock and Woodie Flowers Award on display for viewing. This is a great opportunity for you to interact with some of the top *FIRST* Robotics Competition teams and learn what it takes to become a Hall of Fame team!

Buttons (Drive Team, Media)

Each team receives 7 Drive Team buttons in its registration packet. Replacements are not available. These buttons allow the wearers access to specific areas or help designate them as a point of contact for that team:

- 1 Coach
- 3 Drive Team Members
- 1 Technician
- 1 Safety Captain
- 1 Media

Pit Crew Buttons for Playoff Rounds:

During the playoff rounds, extra team members are often needed to move the team robot from the pit station to the queuing area and playing field. Each team on an Alliance can have 3 additional Pit Crew members to help with necessary robot repairs and maintenance. These buttons provide access to the field. *FIRST* distributes the buttons to Alliance Captains during the alliance selection process on the Division Fields. Each Alliance Captain must set a logistics plan for button distribution prior to the pairings to distribute the buttons to the Pit Crew members.

Media Button

Each team receives 1 non-transferable Team Media button and related instructions/caveats in its registration packet.

Media representatives are permitted in designated media access areas around the playing field only during their team's Qualification and Division Playoff Matches. Team Media are not permitted on the actual playing field surface, in areas marked off for human players, in any private venues or VIP/Volunteer areas, or the *FIRST* Media Center. Due to space constraints and limitations, Team Media are not allowed on the field or pit area before or during Einstein Matches.

Division Breaks

Each division has been assigned a 1 hour 30-minute break for lunch on Thursday and Friday. Teams should listen carefully to announcements on each Division Field, as some matches are replayed during the Lunch Break. Please see the below schedule for Thursday & Friday by field.

On Saturday, all Division Fields break from the end of the Division Field Playoffs until 2:00 PM.

Divisions	Day	Lunch Break Time
Archimedes	Thursday	11:00 AM – 12:30 PM
	Friday	12:45 PM – 2:15 PM
Curie	Thursday	11:15 AM – 12:45 PM
	Friday	12:30 PM – 2:00 PM
Daly	Thursday	11:30 AM – 1:00 PM
	Friday	12:15 PM – 1:45 PM
Galileo	Thursday	11:45 AM – 1:15 PM
	Friday	12:00 PM – 1:30 PM
Hopper	Thursday	12:00 PM – 1:30 PM
	Friday	11:45 AM – 1:15 PM
Johnson	Thursday	12:15 PM – 1:45 PM
	Friday	11:30 AM – 1:00 PM
Milstein	Thursday	12:30 PM – 2:00 PM
	Friday	11:15 AM – 12:45 PM
Newton	Thursday	12:45 PM – 2:15 PM
	Friday	11:00 AM – 12:30 PM

Concessions

There are concessions located within the convention center, with many food options around the George R. Brown Convention Center as well. Local food trucks will be around Discovery Green. [View a list of nearby restaurants.](#)

Pre-Order Lunch

[Pre-Order Lunches](#) are available at the George R. Brown Convention Center and must be submitted by March 29, 2024*. Orders submitted after this date are subject to availability and have an additional charge.

Division Fields

Field Measurement & Robot Sensor Calibration and Connection Test

This time is reserved for teams who want to measure the field and to allow teams to calibrate sensors and test their connection to the official competition playing fields.

Event	Date	Time	Where
Field Measurement & Robot Sensor Calibration and Connection Test	Wednesday	2:00 PM – 4:00 PM	All Division Fields

Field Measurement & Robot Sensor Calibration and Connection Test	Thursday	7:30 AM – 8:00 AM	All Division Fields
--	----------	-------------------	---------------------

Match Play

See the official match schedule on [FRC-events](#) for exact times for each match

Event	Date	Time	Where
Practice Matches	Wednesday	5:00 PM - 7:00 PM	All Division Fields
Qualification Matches	Thursday	8:10 AM - 6:00 PM	All Division Fields
Qualification Matches	Friday	8:00 AM - 6:00 PM	All Division Fields
Division Playoff Matches	Saturday	8:30 AM - 12:00 PM	All Division Fields
Einstein Playoff Matches	Saturday	2:00 PM – 6:00 PM	Einstein Fields

Drivers' Meeting

Every event hosts a Drivers' Meeting as a way for Key Volunteers to introduce themselves to the Drive Teams and cover event procedures and is a time for teams to ask questions to the Head Referee or *FIRST* Technical Advisor.

Event	Date	Time	Where
Drivers' Meeting	Wednesday	4:00 PM – 4:30 PM	Galileo Field - Drivers report to the stands

Einstein Matches

Einstein Field Access

Beginning at 1:00 PM on Saturday, additional security measures are in place for the Einstein fields. Immediately following Division Playoff Matches, Division winning alliance drive teams and robots need to report to the Einstein Mass & Energy fields (Galileo & Johnson Fields). A special access badge is issued to teams.

Einstein Tournament and Fields

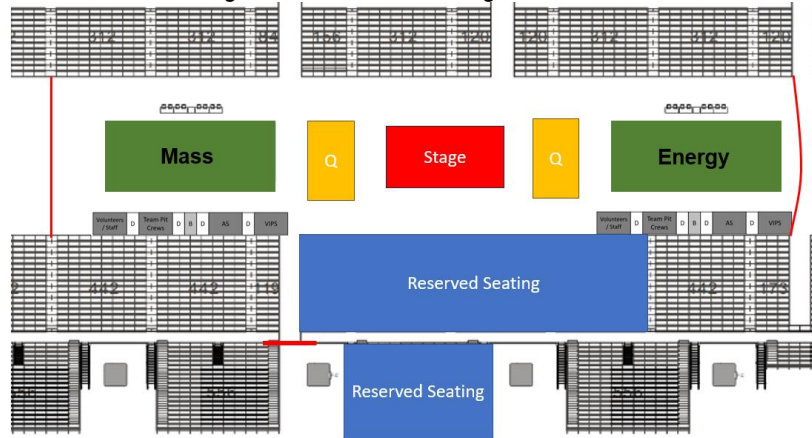
The 8 Division winning alliances are known as Division Champions. These teams compete in the Einstein Tournament.

Einstein Tournament Competing Teams Seating Area

When the Division alliance winners are announced, each team receives 40 wristbands to designate special seating for the Einstein Tournament. Division Champion alliance teams are seated in reserved bleachers. Teams obtain the wristbands from the field Volunteer Coordinator. Please arrive at reserved seats no later than 1:45 PM. *Note: any open areas in the bleachers after 2:00 PM become open to the public for seating.*

Beginning at 12:30pm on Saturday (or at the conclusion of the Division Playoffs Matches), we will be clearing the lobby side bleachers – Mass (Galileo) through Energy (Johnson)– of all spectators and team members. Anyone sitting in these sections will be asked to move. These sections are reserved teams competing in Einstein Tournament and *FIRST*® Impact Award Finalists.

Figure 1: Reserved Seating for Einstein



Inspection

Inspection opens at 10:00am on Wednesday. Each Division has an inspection station and teams should go to the Inspection Station in their Division. Teams should start the inspection process as soon as possible to help every team get through it in a timely manner. The inspection process does not need to happen all at once and we encourage teams to weigh and measure their robot early in case any issues are identified. During inspection, if your inspector is unable to explain a decision or if you think there is an error, you can (and should!) ask for the Lead Robot Inspector (LRI) to assist.

Robots must pass inspection prior to accessing the practice fields and competing in Qualification Matches which begin at 8:10 AM on Thursday.

Judging

FIRST Robotics Competition celebrates the excitement of competition both on and off the field. Through our awards, we celebrate the FIRST Core Values which makes us so much #morethanrobots.

FIRST Impact Award Interviews

The FIRST Impact Award interview schedule is posted in Pit Admin on Wednesday. FIRST Impact Award Interviews occur on Thursday and Friday.

There are four FIRST Impact Award Interview rooms on site, Rooms 380 A – D, located on the 3rd floor of the building. To avoid schedule conflicts, FIRST Impact Award Interviewees are not recommended to be drive team members. Swapping interview times is not encouraged, but if you must change your time, switch with a team (once you have their consent) that is assigned to the same interview room as you and notify Pit Admin. Pit Admin must approve the change and they will work with the judges to keep them apprised of changes.

Teams can reference the [Hall of Fame webpage](#) to see what other teams who have won the Championship FIRST Impact Award have accomplished.

Pit Judging

Judges visit each pit to interview teams for the Judged Awards just like they do at local District or Regional Competitions. Judges may interview and observe teams in the Pit, on the playing field, and other areas of the event. Visit the [FIRST Robotics Competition Awards page](#) for a full description of the awards. To be eligible for any award, teams are required to follow FIRST Core Values, demonstrate Gracious Professionalism®, and implement and follow appropriate safety practices.

Load In & Load Out (Robot Shipping)

Robot Shipping

Once you qualify for *FIRST* Championship, you are sent an email asking if you want to bring your robot to the event yourself or ship it via the FedEx voucher. You must select one or the other, as there will be no 'default' option. Teams can reference the [Robot Transportation page](#) for more information.

- If you opt to hand carry your robot yourself, you must bring your 1 competition robot to *FIRST* Championship along with all your other pit equipment.
- If you opt to ship your robot, we provide a FedEx shipping voucher and a ship-not-later than date. Teams must ship no later than that date or risk their robots not arriving at *FIRST* Championship in time for the event.
 - Please note that during the early load in timeframe, teams can only bring in 1 tote and all other items must be brought in through the loading dock during normal team load-in hours. (See Load In below for more details)
 - Teams who chose to ship their robot must follow the [Shipping Crate Instructions](#).
 - Teams may not use a FedEx Voucher for pit equipment/other non-robot items. Using a voucher in this way is considered an abuse of the donor's intent and generosity. If you are shipping using the FedEx voucher, only your robot, bumpers, and batteries may be in the crate. If you'd like to ship additional equipment, you must coordinate, ship, and pay for it on your own.

A big thanks to FedEx for once again sponsoring robot shipments to *FIRST* Championship!

Packing for Championship

Please review the [Event Experience webpage](#) for suggestions on what to bring to each event.

Load In

All teams must follow the Load-In process as outlined in the [Team Load-In Instructions](#) in order to bring materials into the Pits from their vehicles. Teams may only unload into the Loading Dock and not onto Chartres Street. Teams cannot leave vehicles unattended at any time.

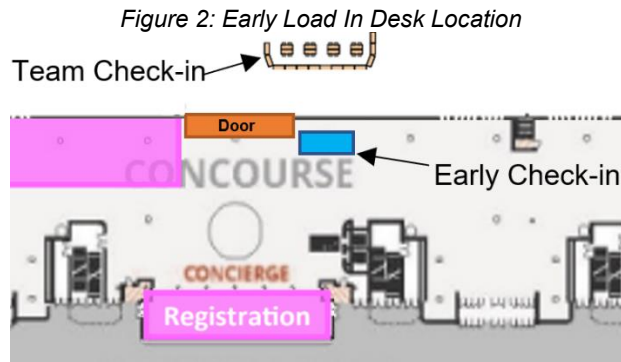
Early Load In

All Early Load-In teams must check in at the early check-in desk (see Figure 2: Early Load In Desk Location) in the lobby to obtain wristbands to enter the pits.

Teams who need to print name badges at the Team Check In desk or need to send members to the loading dock from the lobby may also check in at the early check-in desk to obtain a different colored wristband to allow them access. These teams will not be allowed in the pits until 9 am.

During the Early Load-In timeframe for teams that shipped their robot, teams can bring in one tote (approximately Kit of Parts size), with the preference that it is hand carried. The tote must fit through a standard doorway. The tote should include all hand tools needed to open the team's crate(s) and can include a corded or cordless power drill.

Early Load-In teams should expect that all items will be searched upon entry into the front doors of the venue and should have the tote ready to be inspected (i.e. don't have it zip-tied shut). Teams should not have items on the prohibited items list (per the [Event Rules](#) E109) in the tote. All other items must be brought in through the loading dock through the standard Load-In process.



Load Out

Teams that ship to Championship must visit the *FIRST* Ship Desk prior to Load Out, regardless of if they are shipping their robot home or Hand-Carry home. The desk is open Thursday through Saturday. If you come early, you can skip the long Saturday line!

Teams that hand-carried their robot to Championship are no longer required to visit the *FIRST* Ship Desk prior to hand-carrying their robot for loading out. However, they must still visit the load out desk to indicate they are ready. A Load Out desk is available in both pits on Saturday, and teams should go there once the team is ready to pack things into the vehicle.

Please be respectful of other teams and the public on your departure, leave your area clean and be safe. Once your team has finished competing in the matches on Saturday, have a Mentor visit the Load Out Desk in the same Hall as your team's pit. The mentor will be given an Access Code which can be given to the team vehicle's driver. The driver may then queue to the loading dock on Chartres Street, and once inside the loading dock can let the team know to bring all materials out to load.

Vehicles without access codes will not be allowed to queue.

Additional information and complete Load Out instructions can be found in the [Team Load Out Instructions](#).

Use of 53' Trailers for Load In and Load Out

Use of a 53' Trailer that has not been authorized by *FIRST* is not allowed. Any 53' Trailer that has not been given authorization risks lengthy delays, transportation penalties and fees.

Rules, guidelines, and sign-up process for authorization can be found in the [Community 53' Trailer Option Information document](#).

Lost and Found

Items for lost and found will be logged in at the information desk located near registration for the duration of that day. At the end of the day, the items will be delivered to building security where they will remain through the event. At the end of the event and for up to 30 days post event, please call the facility directly for missing items.

George R. Brown Convention Center

713-853-8087

GRBinfo@houstonfirst.com

Items lost under the bleachers: Items of extreme importance such as medication, a purse or wallet, please note where you were sitting and check in at pit administration. Pit Administration will then contact security to retrieve your lost item. For all other items, security will make periodic sweeps and deliver found items to the Lost and Found at the information desk where you can then retrieve your items. **Under no circumstances** should anyone but security go under the bleachers.

Parking

Parking is available around the George R. Brown Convention Center, see [Downtown Houston Parking webpage](#) for more information.

Pits

There are 2 pit areas – one located in Hall A and one located in Hall E. The following divisions have pits located in Hall A:

- Archimedes
- Curie
- Daly
- Galileo

The following divisions have pits located in Hall E:

- Hopper
- Johnson
- Milstein
- Newton

Each team is provided with a designated pit space marked with their team number, where they can work on their robot. Each team's pit comes with a power outlet and a table, and the pit is 10'x10'x10'. International teams should remember to bring international adapters for any power tools, etc.

Aisles must be kept clear for robot movement, safety, and queuing, so we suggest that team members watch the matches and cheer on the teams to prevent overflowing the pits and congregating in the aisles.

Safety glasses are required for all participants and any visitors in the pits and by the playing field. Teams are expected to bring safety glasses for all team members and any visitors they invite.

Food is not permitted in the Pit Areas.

Pit Admins

Each Pit area has a Pit Administration area located within the Pits. The Pit Admin stations are located directly next to the playing fields within the pit area. *FIRST* staff members and/or volunteers run this area to check teams in and help answer questions from teams and visitors.

Pit Announcements

Parts requests are grouped together and announced every 15 minutes. To submit a request, write your division, team number, and needed part on a piece of paper and give it to the Pit Administration staff. Additional announcements will be made at half-hour intervals. Personal and irrelevant announcements will not be made.

Pit Closing

For safety purposes, be respectful of the pit closing time each day. On Saturday, only essential team members are allowed to disassemble and pack items in pits. Aisles must be kept clear for freight movement and team load out.

Pit Hours

Date	Hours	Item	Notes
Wednesday	7:00 AM - 9:00 AM	Teams that shipped robots can enter early	6 Team Reps Only
	9:00 AM - 2:00 PM	Team Load In	6 Team Reps Only
	2:00 PM - 7:30 PM	Pits Open	

Thursday	7:00 AM - 6:30 PM	Pits Open	
Friday	7:00 AM - 6:30 PM	Pits Open	
Saturday	6:45 AM - 2:00 PM	Pits Open	

Division Playoff Pits

There will be assigned pits for *FIRST* Robotics Competition Division playoff matches closer to the fields to be shared by 4 team alliances. Division Playoff Pits are 15' x 15' (4.57m x 4.57m). Alliances must work together to share the space accordingly including tools and equipment. Any pit structures cannot exceed 8' (2.4 m) in height. Teams may move to these spaces immediately after Alliance Selection.

Practice Fields

There are 2 complete Competition Fields in each Pit area, as well as several Practice Field elements on carpet available. A few reminders:

- Safety glasses are always required on all Practice Field spaces.
- Remember that teams must pass inspection prior to accessing the Practice Fields.
- The complete Practice Competition Fields are slightly modified. There are no field sounds or sensors.
- Teams may only practice with their robots in their pits or in designated practice areas. Teams may not set up their own practice elements outside their pits.

We recognize that teams shipping their robot are at a disadvantage as they cannot work on their robot after it ships. To help level the playing field, teams that ship their robot receive early access to the pits on Wednesday and:

- a fast pass that allows the team to skip the line one time on the 'playground' (non-official/wooden) practice fields any day they are open.
- a fast pass that allows the teams to skip the line one time on the official practice fields any day the practice fields are open.
- Note: Fast passes must be used prior to one hour before the day's scheduled closing time, i.e. prior to 6:00PM on Wednesday and prior to 5:00PM on Thursday and Friday.

Additional details on practice fields including times and rules is provided to teams in their Team Registration Packet.

Prayer Room

There will be two prayer rooms available for anyone wishing to observe religious practice onsite during event hours. Prayer rooms are located on the 2nd level of the Marriott Marquis Houston in Montgomery rooms A&B. The Marriott Marquis Houston is attached to the George R. Brown Convention Center and can be accessed from the level 2 sky bridge located north of Mezzanine A.

Radios

As we [first announced back in January](#), the 2025 radios are getting an early introduction at this year's Championship. Here's some info about the logistics:

- Wiring can be a drop-in replacement for the existing OM5P radio, with the exception of the barrel connector of the OM5P radio being replaced with wire-to-board connectors on the VH-109. Teams are encouraged to review the mounting and [wiring recommendations](#) from Vivid Hosting prior to the event.

- Teams will be able to collect a radio, already pre-programmed for their team number, from their division’s Inspection station when it opens at 10:00AM on Wednesday. This radio is yours to keep after the event.
- FTAs and CSAs will have training on the radios prior to the event and will be able to provide assistance with some radio questions.
- Vivid Hosting is providing additional radio experts, 1 for each division field and wireless practice field, that will be assisting with on-field monitoring and troubleshooting.
- Spare radios will be available, with approval by a CSA, FTA, or Vivid expert, from the WCP booth in the Robot Service Center. While we know some teams may be anxious about not having a pre-programmed spare ready to go, the Vivid experts at each field will also have spare radios available, and the ability to configure them, in order to help troubleshoot any issues with a team connecting for their match.

Queuing

Teams are responsible for knowing their match times and are expected to queue 30 minutes prior to their matches without the help of an announcer. Teams need a minimum of 15 minutes to travel from their pit space to the playing fields. Please leave extra time to get back and forth between the pits and playing fields.

For qualification matches, *FIRST* will make every effort to keep close to the published schedules. Keep close watch of the pit display for any moment-to-moment changes. There is no audio queuing.

FIRST is piloting the usage of the [FRC Nexus](#) application at the 2024 Championship Event. Nexus is a web based application, developed by Evan Forbes, and was widely used at events in 2023 and 2024. Nexus is not owned or managed by *FIRST*, and personal data (PII) collected by Nexus is not covered by the *FIRST* Privacy Policy. Participants should always review the privacy practices of third-party sites and applications before submitting any personal data. The [Nexus Privacy Policy](#) can be found on their website.

Nexus allows teams to sign up and receive notifications of their upcoming matches, which helps teams manage their time and makes teams aware of potential field delays.

It’s important to note that while all 8 competition fields will be using Nexus, it is completely optional for teams to opt-in to receiving notifications. The pit displays will still be available and will show the current match and how far ahead/behind the field is running. Teams that choose to opt-in to receive notifications from Nexus are still responsible for making it to their matches on time. **Matches will not be postponed or replayed because of a delayed or missed notification from Nexus.**

Quiet Room

A Quiet Room is available for those participants who need a quiet space to de-stress and take a break from the business of the competition. The Quiet Room location is on the third floor in 372 F. If you would like to donate items (things like playing cards, board games, stress balls, puzzles) for the room, please bring them to the room.

The Quiet Room hours are below:

Day	Times
Wednesday	8am – 7pm
Thursday	8am – 6pm
Friday	8am – 6pm
Saturday	8am – 6pm

Report a Concern

FIRST has the [FIRST Reporting Portal](#) to allow anyone to Report a Concern in one location. At the Championship event, we recommend reporting concerns directly to Pit Admin if you are comfortable so we can handle immediately. These concerns can range from the following three categories:

1. **Youth Protection Concerns:** These can encompass a wide variety of one-time or ongoing issues such as suspected abuse, bullying, harassment, discrimination, questionable behavior or comments by adult volunteers, conflicts among volunteers or issues that haven't been resolved by local leadership.
2. **Medical Incidents:** All physical injuries/illnesses, however slight, must be reported to FIRST Headquarters. Physical injuries/illnesses that take place during a team's activities, not at an event, need only be reported if the injury is related to FIRST game materials, FIRST game design, or FIRST rules. Names may be removed if privacy regulations require it. All reports of injuries involving a fall must include pictures of the area in which the injured fell.
3. **Other:** If you are unsure where a concern falls, we encourage you to make a report under "Other" and we will ensure that your report gets to the appropriate department to be addressed.

Someone from FIRST will review reports and contact reporters, as appropriate/necessary, to set up time to discuss the issue. Anonymous Reports of Concern may be made on the FIRST Reporting Portal; however, the lack of contact information may impact the effectiveness of any investigation thereby prevent us from thoroughly addressing the issue and prevent us from being able to contact or follow up with the reporter.

Restrooms

Restrooms are available in all areas of the event and indicated with signs around the venue. Gender-neutral restrooms are available as shown in the floor plan layouts within the [FIRST Championship webpage](#) and App.

Robot Service

Electrical & Software Assistance

Teams can request general help from Control Systems Advisors for troubleshooting software or electrical issues by submitting a request online at www.ni.com/frcsupport or by stopping by the NI booth in the Robot Service Center. There are also representatives from REV Robotics and CTR Electronics located in the Robot Service Center that can help troubleshoot issues with specific devices.

Machine Shop

NASA is graciously sponsoring and managing the FIRST Robotics Competition Machine Shop. There is a machine shop located in each Pit area in the back of Halls A & E near the Spare Parts Tables that is open when Pits are open. There is no grinding, braising, or welding in team pits; those requests must be completed by the machine shop.

Robot Service Center

The Robot Service Center, located in the back of Halls B, C, & D, is an opportunity for you to seek and get support from Suppliers during the competition (e.g. technical help, spare parts, or assistance with repairs).

Spare Parts

The pit map shows the Spare Parts location in each Pit area. Parts are available on a limited basis. The attendant will be able to contact a FIRST Technical Advisor or Lead Robot Inspector if approval is needed,

Schedule

Teams can reference the [FIRST Robotics Competition Public Schedule](#) and schedules are also available on the [FIRST Championship website](#) and in the Championship App. The [FIRST Championship App](#) can be downloaded from our website, or you may search for "FIRST Championship" in the App Store or Google Play Store.

Team Check-in

Team's lead mentor 1 or 2 must check-in to receive the Team Registration packet. Teams may also pick up their name badges during Team Check-in times. Lost or misplaced badges are available at Event Registration throughout the event.

We strongly encourage your team to [complete team attendee badging prior to your arrival](#), as this will expedite your team's attendee badge collection and your entrance to the event.

This packet includes important documents and buttons. Check-in times are Wednesday, 7:00 AM to 7:00 PM

Volunteers

Volunteers can also reference the [Volunteer Event Guide](#) for general volunteer information and the [FIRST Robotics Competition Championship Volunteer webpage](#) for volunteer information specific to the FIRST Robotics Competition Program.

Webcast

The live stream is available on [FIRSTtv](#). Visit Twitch for airtimes and archives.