

Pit Administrator

Thank you so much for volunteering your time with FIRST Tech Challenge! Our events would not be possible without you!

Physical/Technical Requirements:

- Technical – Low
- Physical – Low
- Administrative – High
- Communication – High

Total time commitment is estimated at about 14 hours, which includes:

- 2 hours of training
- 10 hours for the event day
- 4 hours for before and after event day setup and breakdown

Proper Attire:

- Wear comfortable shoes, most of the day you will be on your feet.
- ANSI Z87.1 certified safety glasses are required in the pit area.

Volunteer Training and Certification: Volunteers must create an account on www.firstinspires.org and apply to the role. Upon application, training can be accessed from within the dashboard. A separate confirmation of the role assignment will come later. If you have applied for a role but have not received access to the training, please email FTCTrainingSupport@firstinspires.org.

Pit administrators are required to complete the *FIRST* Data Protection and Privacy Trainings for volunteers, which are accessible through the [Volunteer Dashboard](#). These trainings provide information about how to handle personally identifiable information that may be received at events.

The pit administration volunteer should speak to the event director or program delivery partner to determine if there are any additional requirements, such as meetings prior to the event or run-throughs of the queuing path before the event. The approximate training time is two hours.

Responsibilities

Pit administration volunteers are a vital role at an event. They are usually stationed in the team pit area and end up answering many questions throughout the day from teams, coaches, mentors, and spectators. This role is a fast-paced, customer service role, rather than an administrative role. The event pit administrator is responsible for making sure the event attendees have all the information they need about the event, resources, schedule, and timing. Responsibilities of the pit administration volunteers may vary from region to region, so it is important to check with the tournament director about specific responsibilities on event day. At minimum, this will include:

- Greeting teams as they arrive at the event.
- Confirming that teams have completed their consent and release forms and team rosters (*if also in charge of team registration*).
- Reporting any medical or non-medical incidents in our [FIRST Reporting Portal](#).
- Collect/return lost and found items.
- Setup and breakdown of pit area.
- Assistance with general inquiries from teams, coaches, mentors, and spectators.
- Work with the Judge Advisor to create instructions for engineering portfolio collection and help share them with the teams upon check in.
 - It is an event best practice for all engineering portfolios to be brought to team interviews. Team portfolio responsibility belongs with the judges.

Pre-Event Day Responsibilities

To prepare for the event, make sure to enroll in the BlueVolt FTC Pit Administrator course which can be accessed through your dashboard once you apply for the pit administrator role at an event. You must also make sure to speak with the tournament director to see if there are administrative duties that will need to be completed. These duties might include printing required forms, putting together team registration packets, or putting necessary paperwork into a file box for the event.

File box

Having a file box ready with all necessary paperwork will help keep the pit administration volunteer organized and help with the flow at check-in. It is now required that pit administrators have a cash box with a lock, or some type of locking container for personally identifiable information. When pit administrators receive team rosters or forms with personally identifiable information they must be immediately placed in a secure location. A cash box with a lock is the most cost-effective way to handle and manage any documents that contain personally identifiable information received and stored at Pit Admin.

We recommend having the below items in a file box at the event:

- Team Roster (*teams competing that day*)
- Lost items forms (Available from the Program Delivery Partner, and made available in SharePoint)
- One-page Game Overview: firstinspires.org/resource-library/ftc/game-and-season-info
- Walk-on Volunteer Policy & form: (Available from the Program Delivery Partner, and made available in SharePoint)

In addition, if available from the tournament director make sure to also have:

- Pit Maps
- Event Day schedule

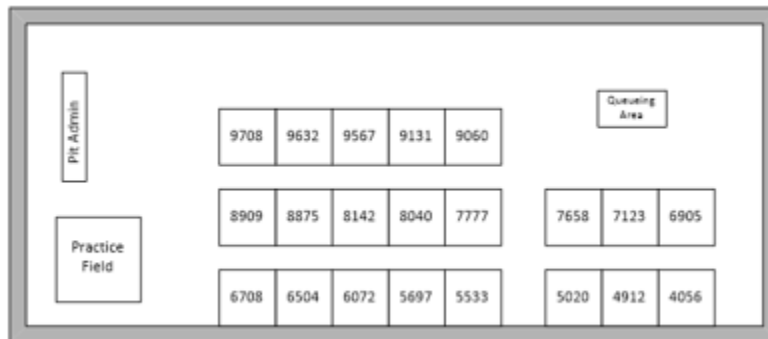


Figure 1 Example of a Pit Map

Event Layout and Schedule

Knowing the event layout and event schedule will help keep the overall event running on schedule. Plan to get to the event early to locate:

- Where judging sessions are held.
- Where robot inspections are being held.
- Where the drivers meeting will be held.
- Queuing paths for teams.
- When lunch will be held, and where to pick up food (*if applicable.*)
- Where workshops are being held (*if there are any at the event.*)
- Where opening, closing, and awards ceremonies will be held.

Having a pit map showing where each team is located will be helpful throughout the event day.



Introduce yourself to the scorekeeper, and ask for a printed schedule for matches, judging and inspection. Tape copies of this to the table surface at pit admin to help answer some of the most frequent questions you will receive.

Guidelines for Lost Children

FIRST Tech Challenge events can be very hectic, and it can be easy for a child to get lost amongst the shuffle of a busy event. It is important to talk with the tournament director prior to the event to produce an action plan in the instance of a lost child.

Code Adam Guidelines: <http://www.missingkids.com/CodeAdam>

Collecting phone numbers from each coach will also be helpful if a child becomes separated from their team. This information should be on the team roster. The coach/mentor's contact information, preferably a cell phone, should be easily locatable and can be used if the pit administrator is approached by a child who is unable to locate their team.

Emergency Response Plan

Speak with the tournament director about putting together a venue specific emergency response plan. Having a plan in place will ensure volunteers are prepared in the case of an emergency and can decrease the number of injuries if an emergency arises. Included in the plan should be topics such as:

- A map of all the emergency exits
- Action plan in the case of severe weather
- Evacuation plans

When putting together an emergency response plan, it is important to assign specific tasks to other event volunteers. Make sure each person understands their role in case of an emergency to ensure teams and anyone attending the event are directed properly and safely. There are many resources available online to help create a plan, from tips to templates that can be followed.

Event Day Responsibilities

Consent and Release Forms

A consent and release form must be completed by every student, coach/mentor, and volunteer. If team registration and/or volunteer registration are one of the responsibilities for pit administration volunteers, they need to make sure that EVERY student, coach/mentor, and volunteer has provided an accepted form electronically.

Team Consent and Release Forms

Review the team roster provided by the coach/mentor of the team. Make sure the person checking the team in is an adult team coach/mentor and not a student. The consent form status column on the team roster will indicate that the consent form is either accepted or incomplete for student team members. All team members must have completed their consent and release form online. When received, these should be placed in a secure location or a locked box.

A team might say that their team consent and release forms are coming late with other coaches/mentors on their team. Or a team member may also say he/she submitted electronically but they do not show up on the team roster as "accepted." In these instances, you can provide them with the registration packet (If applicable) and explain that the team roster and all consent and release forms must be received before the team can compete. Any team member that does not have a properly signed form cannot compete and cannot be on the playing field. If an (under 18) student has not submitted a form, contact their parent/guardian to complete the form online. If there are any disputes, call the tournament director or program delivery partner for assistance.

Volunteer Consent and Release Forms

Each volunteer participating in the event must submit a consent and release form. Use an attendance checklist (provided by the tournament director if available) to ensure that each volunteer has accepted the consent and release forms. If the volunteer is under 18, they must have a parent/legal guardian complete this form before they can volunteer. Once received, these documents should be placed in a secure location or a locked box.

Medical Incident Reporting Procedure

Pit administrators are not responsible for diagnosing students, handing out medication, or first aid equipment. Pit administrators should refer medical issues and emergencies to a medical professional on site, such as an EMT. If an incident or illness occurs at an event, the pit administrator should do the following:

- Call 911 if there is any question that the injured person/persons require medical attention.
- Respond to the scene immediately. Bring a clipboard, pen, or a tablet to complete the incident report on the [FIRST Reporting Portal](#).
- Complete the incident report for the injured party.

Pit administration volunteers will be the incident reporting person and will be responsible for completing incident reports. It is important to be available within the pit area during the periods the event is open to the teams, volunteers, and the public. Designate another trained volunteer to be the incident reporting person if at any time the pit administration volunteers must leave the pit area.

The incident reporting person should:

- Be calm in an emergency and able to talk to witnesses without assessing fault. They also should be able to communicate with the insurance company if necessary.

Although most incidents will not result in a claim, it is better to act on the side of caution and report them. Should an incident result in a claim after the event, the documents will be on file, complete with witnesses and a written report.

***Important Note:** In all conversations with the injured, witnesses, spectators, and/or media always say “the incident is being investigated” without any further comment. Do not imply liability or any payment, as no one knows for sure until all the facts are known.

Non-Medical Incident Reporting Procedure

Report anything that happens during an event that should receive attention because it made a volunteer, team member or spectator feel uncomfortable or threatened. If anyone states that they feel threatened because of verbal abuse, inappropriate contact, or other negative behaviors, speak up and volunteer to fill out a report with that person. Call the program delivery partner or tournament director if a situation arises that involves harassment or a threatening situation. They will provide guidance. An electronic Youth Protection Concern, Medical Incident or Other report form can be found by following this link:

<https://www.pavesuite.com/FIRST/PublicPortal/HomePage>

Safety Glasses

All volunteers, teams, coach/mentors, and spectators are required to have safety glasses while in the pit area. It is important to watch for anyone entering the pit area without safety glasses, and to ask that they not enter the pit area. Some events will have volunteers staffed at the pit entrance with spare safety glasses to pass out. Other events may not have spares to provide.

Speak with the tournament director to determine if there will be spare safety glasses on event day. If not, produce some talking points for those who try to enter the pit area without them. Redirect them to the competition area where the action is happening or point them to other activities that are happening at the event.

Practice Fields



Many events will have a field set up in the pit area to practice prior to qualification matches. This gives a team the opportunity to make tweaks to their robot prior to competing. Work with the tournament director to determine if the event will have practice fields, and how they will be run. Most events will run the practice fields on a first-come, first-served basis. If there will be practice fields, print out a sign-up sheet prior to the event. These matches may be scored, but these scores do not affect overall team rankings.

If you are volunteering at a multi-day event, consider closing the practice fields 15 minutes before the pit area closes. This encourages teams to leave and pack up for the day.

Pit Announcements

At some events, there may be a PA system set up to allow the pit administration volunteers to make important announcements to teams in the pit area. This is an effective way to communicate with teams when matches end and lunch begins, a reminder when matches are resuming, or if matches are running behind schedule. This is a great tool to use to keep the teams informed, however refrain from using a PA system for:

- Birthday Announcements
- Lost and found items
- Thank You's (sponsors should always be thanked in either opening or closing ceremonies)

If there are too many announcements throughout the day, teams will eventually tune out the announcements, and therefore may miss a vital announcement later in the day. It is a good practice to plan the timing of announcements and limit them to not more than twice in each hour.

End of the Day

Lost and found items are usually kept in the pit administration area at events, please try to match up the lost items with its owner. Take inventory of what has been turned in and try to match items with lost items sheets that have been filled out throughout the day. Any items not claimed should be given to the tournament director.

Once qualification matches are completed, and alliance selection has taken place, teams will often begin to tear down their pit areas. The pit volunteers can begin to tear down their area at this time.

At the end of the day, walk away from the event knowing you have done your absolute best to ensure that the event ran smoothly, and teams had a positive experience.

Appendix A – Resources

Game Forum Q&A

<https://ftc-qa.firstinspires.org/>

Anyone may view questions and answers within the *FIRST*® Tech Challenge game Q&A forum without a password. To submit a new question, you must have a unique Q&A system user name and password for your team.

Volunteer Forum

Volunteers can request access to role specific volunteer forums by emailing FTCTrainingSupport@firstinspires.org. You will receive access to the forum thread specific to your role.

FIRST Tech Challenge Game Manuals

Part 1 and 2 - <https://www.firstinspires.org/resource-library/ftc/game-and-season-info>

FIRST Headquarters Pre-Event Support

Phone: 603-666-3906

Mon – Fri

8:30am – 5:00pm

Email: Firsttechchallenge@firstinspires.org

FIRST Tech Challenge Event On-Call Support

The on call event support number is available for event personnel only. Please **do not** call these numbers if you are a team looking for a ruling, a decision, or assistance. We trust that you will not misuse this resource.

Day of event robot control system and scoring system support: 603-206-2450

All other day of event support: 603-206-2412

FIRST Websites

FIRST homepage – www.firstinspires.org

[FIRST Tech Challenge Page](#) – For everything *FIRST* Tech Challenge.

[FIRST Tech Challenge Volunteer Resources](#) – To access public volunteer manuals.

[FIRST Tech Challenge Event Schedule](#) – Find *FIRST* Tech Challenge events in your area.

FIRST Tech Challenge Social Media

[FIRST Tech Challenge Twitter Feed](#) - If you are on Twitter, follow the *FIRST* Tech Challenge Twitter feed for news updates.

[FIRST Tech Challenge Facebook page](#) - If you are on Facebook, follow the *FIRST* Tech Challenge page for news updates.

[FIRST Tech Challenge YouTube Channel](#) – Contains training videos, game animations, news clips, and more.

[FIRST Tech Challenge Blog](#) – Weekly articles for the *FIRST* Tech Challenge community, including outstanding volunteer recognition!

[FIRST Tech Challenge Team Email Blasts](#) – contain the most recent *FIRST* Tech Challenge news for teams.

Feedback

We strive to create support materials that are the best they can be. If you have feedback about this manual, please email firsttechchallenge@firstinspires.org. Thank you!