



Volunteer Role Descriptions

*** Not all roles are offered at every event. Check with your local volunteer coordinator for more information.**

FIRST is committed to [Equity, Diversity, and Inclusion](#) and as such, *FIRST* strives to make reasonable accommodations for persons with disabilities that request accommodation. If a participant needs an accommodation for an event, please reach out to the Volunteer Coordinator prior to the event so they can help ensure an accommodation is available and that the role is the right fit. Accommodations are determined reasonable given they do not create an undue hardship or cause safety concerns.

Interested in volunteering at *FIRST* Championship?

Read the [Championship Role Descriptions](#) & Apply!

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Audio/Visual Attendant (Districts Only)

The Audio/Visual (A/V) Attendant for *FIRST* Robotics Competition assists with lighting, sound, and any projections shown during the event. May be asked to help manage the live stream to create an exciting, cohesive experience for web spectators, and create an archive for teams to re-live the event.

***The specific role responsibilities vary by district. Please reach out to your district leadership for specific responsibilities. ***

Responsibilities

- Wear safety glasses as directed by the Event Manager or FTA
- Set-up and take down all audio and visual needs for the event
- Create an exciting experience for online spectators
- Switch between available video feeds to create cohesive, exciting story

Experience and Skills Needed

- *FIRST* experience not required, but preferred
- Minimum age: 13
- Basic knowledge of the competition game, rules of play, and flow of an event
- Experience with equipment necessary to perform required duties in a professional manner. This may be specifically spelled out in the contract.
- Work and interact with volunteers, team members and students, and other contracted staff
- Basic technical skills (computer proficiency)
- Strong communication skills and an eye for detail
- Ability to collaborate with others, work as a member of a team
- Ability to stay focused and concentrated

Volunteer Time Commitment

- Minimum 2.5 full day commitment (Districts)

Note: Event schedules vary. Please check the event schedule and talk to your District Leadership for detailed information on when you are expected to arrive.

Reporting Relationships and Supervision

- Direct Supervision and On-Site Support: Event Manager

Control System Advisor (CSA)

The Control System Advisor (CSA) for *FIRST* Robotics Competition is a key volunteer position. The CSA assists teams with Robot Control System-related issues. Works in collaboration with the *FIRST* Technical Advisor and/or Robot Inspectors, who may direct teams experiencing issues on the field or in the pits to the CSA for assistance. This position requires a high level of technical knowledge and interpersonal skills and can affect the quality of the event.

Responsibilities

- Assist teams in correcting Robot Control System Issues such as those related to the roboRIO, support boards such as the Pneumatics Control Module or Pneumatics Hub, wiring, programming, sensors, Driver Station software, and laptop-roboRIO interface
- Assist teams with obtaining additional support as required
- Be aware of problems that arise and be ready to take steps to quickly diagnose and correct, with the goal of getting teams' robots running and onto the field
- Obtain a radio from event management office to keep aware of event information and issues, return it to office at end of day
- Participate in training opportunities offered by *FIRST* and other parties

Experience and Skills Needed

- Recent hands-on experience with the *FIRST* Robotics Competition Control System and diagnostic tools required
 - Team mentors or alumni strongly preferred
- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Understanding of basic Control System wiring guidelines and rules
- Proficiency in at least one of the *FIRST* Robotics Competition software languages (C++, Java, Python, or LabVIEW)
- Strong problem-solving skills
- Strong time management and prioritization skills
- Strong interpersonal/communication skills in a high stress environment
- Ability to stand for long periods of time and move about the pit area
- Knowledge of the competition game and robot rules

Volunteer Time Commitment

- Pre-event Training calls
- Minimum 2 full day commitment (Districts)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

CSA Trainer: Kevin O'Connor

Training Schedule: CSAs should plan to attend all webinars and review all training materials provided on the FRC CSA Thinkscope course. Please reference the [role description page](#) for specific dates, times, and call-in info for any follow-up calls.

Joining Thinkscope

Note: All CSA communication and trainings occur through Thinkscope. This requires CSAs to create an account on Thinkscope and then join the FRC Control System Advisor Course.

- To access the training, [create your Thinkscope account](#). You will be placed into the Control System Advisor course.
 - Please note, if you already have a Thinkscope account (for example FLL coach account), you can add the Control System Advisor course by logging in, clicking “Join a Course” and entering this code: **8AA06DCA**.
 - *If you don’t see the course content, ensure that you have selected the correct institution. In the Switch Institution dropdown in the top left corner, choose FIRST Robotics Competition.*
- When you log into Thinkscope for the first time, you will need to accept the terms & conditions and privacy policy.
- You will see your Course icon listed on the main dashboard. Click on the Course title. Then you will see training modules within the course.

Reporting Relationships and Supervision

- Supervision: *FIRST* Technical Advisor (FTA) provides support and advice during the event
- On-Site Support: Volunteer Coordinator

Emcee

The Emcee for *FIRST* Robotics Competition is a key volunteer role. The Emcee is the individual primarily responsible for setting the tone of the competition. They create and sustain an exciting, fun atmosphere throughout the event. The Emcee ensures the smooth flow of match play, maintains the pace of the event, and can significantly impact the quality of the competition.

Responsibilities

- Responsible for setting the tone of the competition
- Works as a team with the Game Announcer to produce a well-organized, thrilling event
- Ensures the smooth flow of match play, and maintains the pace of the event
- Work closely with the FTA to maintain schedule and flow of the event
- Participate in pre-event training
- High profile position, audible and visible presence at competition
- Sets the pace of the event; impact overall quality of event
- Cultivate support for *FIRST* programs
- Attend the daily morning meeting if directed by the Event Manager

Experience and Skills Needed

- *FIRST* experience strongly preferred, but not required
- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Prior experience as an emcee for a *FIRST* Program(s) is helpful
- Comfortable using a microphone and addressing a large crowd; vocally energetic
- Outgoing personality; high energy; sense of humor, creative, observant, mature
- Public speaking experience highly preferred; TV/radio/acting experience ideal
- Requires thorough knowledge or ability to learn game and match process
- Self-directed individual
- Strong interpersonal and communication skills
- Work well in a fast-paced environment
- Collaborates & takes direction well
- Physically active role; Ability to move about the field and stand for long periods of time

Volunteer Time Commitment

- Pre-event training calls
- Practice Day (if applicable) – observe practice matches and become familiar with the game and teams.
- Minimum 2 full day commitment

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Provided by *FIRST* HQ prior to the start of competition season. May include: conference calls, supporting materials, email communications, and one-on-one support.

Emcee Trainer: Blair Hundertmark

[Emcee & Game Announcer Training Materials](#)

Reporting Relationships and Supervision

- On-Site Support: Event Manager and Volunteer Coordinator

Event Manager (Districts Only)

The Event Manager for *FIRST* Robotics Competition is a key volunteer position. Event Managers maintain the overall flow, schedule and management of the event. As a leadership volunteer position, there is a significant level of responsibility. ***The specific role responsibilities vary by district. Please reach out to your district leadership for specific responsibilities. ***

Responsibilities

Before the Event:

- Attend Planning Committee Meetings as applicable
- Pre-print all necessary team and volunteer paperwork
- Ensure you have all updated files for the event on a thumb drive (medical incident forms, award scripts, etc)

At the event:

- Oversee Event Set-up – work with the FTA and other volunteers to ensure all needs are met
- Set up the event office (if applicable)
- Introduce yourself to all key volunteers so they know who to come to with issues
- Meet with the Judge Advisor to establish a timeline for when you need scripts, team numbers, and the *FIRST* Impact Award Video
 - Ensure you have this information and have reviewed it before ceremonies
- Be familiar with and help enforce [Event Rules](#)
- Oversee Opening & Closing ceremonies to help make sure the correct people are where they need to be & when
- Prepare Awards for Closing Ceremonies (label awards per HQ specifications)
- Work with Lead Queuer to ensure 1 representative from every team is in designated area for alliance selection
- During Awards Ceremonies, help present the correct trophies during the appropriate time
- Manage team and personnel conflicts as needed

Experience and Skills Needed

- Prior experience as a *FIRST* volunteer is preferred, but not required
- Must be post-high school or equivalent
- Minimum age: 18
- Strong interpersonal and communication skills (written and oral)
- Proficient use of technology - email, navigation of websites, online forms, spreadsheets
- Ability to manage and supervise others
- Ability to collaborate with others; work as a member of a team
- Attention to detail
- Physically active role, not sedentary

Volunteer Time Commitment

- Pre-event work varies by district
- Minimum 3 full day commitment (Districts)

Note: Event schedules vary. Please check the event schedule and talk to your District Leadership for detailed information on when you are expected to arrive.

Event Photographer

Event Photographer volunteers for *FIRST* Robotics Competition photograph and document the event via digital images. Photographs should be professional in nature, and not include selfies or inappropriate behavior or language. The photographs should be provided to the Event Leadership within 2 weeks of conclusion of the event so that teams, volunteers, and Event Leadership can utilize the pictures.

Responsibilities

- Possess and bring camera equipment (not cell phones). The event will not be responsible for nor provide equipment.
- Work with Event Planning Committee and/or Event Leadership to develop a shot list. Pictures should include teams, robots, and volunteers
- Share pictures with Event Leadership within 2 weeks of the event

Experience and Skills Needed

- *FIRST* experience not required; Event Leadership may request samples or a portfolio
- Minimum age: 13 (preferred 18+)
- Self-directed individual
- Attention to detail
- Strong interpersonal and communication skills
- Experience shooting in fast-paced environment
- Experience shooting indoors in low light
- Access to Digital SLR camera or equivalent
- Experience using photo processing software
- Ability to collaborate with others, work as a member of a team
- Ability to stand for long periods of time, as well as quickly navigate crowds, the pits and potential obstacles throughout the event

Volunteer Time Commitment

- Can be divided among multiple volunteers for the duration of the event
- Time commitment varies by event
- Preferred 2 full day commitment (Districts) or 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

No training will be conducted for this role.

Reporting Relationships and Supervision

- On-site Support: Volunteer Coordinator and/or Program Delivery Partner

Field Assembly and Disassembly

Field Assembly and Disassembly volunteers for *FIRST* Robotics Competition assist with assembly of the playing field and the practice field on event set-up day, and/or disassembly on event break-down day. Volunteers are not required to do both assembly and disassembly. Tools and hardware are provided, and volunteers are not required to bring any additional materials with them to the event.

Responsibilities

- Assemble playing field and practice field including electronics
- Strict Adherence to the *FIRST* safety practices, specifically for lifting and other physically challenging tasks, including adherence to the [Event Rules](#) and [Safety Manual](#). This includes wearing safety glasses, wearing closed toed/heeled shoes, wearing appropriate clothing and adherence to any health/safety requirements in place for the event.
- Disassemble playing and practice fields including electronics and pack in travel crates
- Assist in loading and unloading travel crates and carpet rolls onto and off the truck, as needed

Experience and Skills Needed

- *FIRST* experience not required
- Minimum age: 13 (preferred 18+)
- Physical strength; ability to lift heavy objects (no more than 50 lbs.) and push large crates
- Basic mechanical/technical skills
- Ability to work as a member of a team
- Ability to move about the facility
- Ability to listen to and follow instructions

Volunteer Time Commitment

- Setup Day - approx. 8-12 hours
- Disassembly day – approx. 4 hours

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Field Supervisor and the *FIRST* Technical Advisor provide on-the-job training and direction.

Reporting Relationships and Supervision

- Direct Supervision: Field Supervisor and *FIRST* Technical Advisor

Field Resetter

Field Resetter volunteers for *FIRST* Robotics Competition repair and reset the playing field after each team match. They play a critical role in ensuring smooth flow of match play and maintaining the pace of the event. Duties need to be done efficiently. This position is normally very physically active.

Responsibilities, as assigned by the Field Supervisor, may include

- Strict adherence to the *FIRST* safety practices
- Reset field after each team match - replace game pieces and field elements to their starting position for the next match
- Between matches check for and remove debris from the playing field
- Check carpet for runs and loose seam tape; apply/replace as needed
- Retrieve objects that fall outside the playing field
- Protect the scoring table from objects that leave the playing field during matches
- Prepare the field at end of each day for the following day's matches
- Open the field's gates at the end of each match and close them prior to the next match
- Monitor and safeguard team members and robots during field reset

Experience and Skills Needed

- *FIRST* experience not required
- Minimum age: 13 (preferred 15+)
- Friendly personality
- Strong interpersonal/communication skills as a part of a team
- Ability to take charge; be assertive, but tactful in safeguarding team members and volunteers on and around the field
- Ability to move about the field and stand for long periods of time
- Both teens and adults encouraged

Volunteer Time Commitment

- Minimum 1 full day commitment
- Preferred 2 day (District) or 3 day (Regional)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

The Field Supervisor conducts training on site and provides guidance during the competition.

Reporting Relationships and Supervision

- Direct Supervision: Field Supervisor and *FIRST* Technical Advisor
- On-Site Support: Volunteer Coordinator

Field Supervisor

Field Supervisor for *FIRST* Robotics Competition is a key volunteer position. They supervise field assembly and disassembly in collaboration with the *FIRST* Technical Advisor (FTA). This is a critical role in the competition as they direct activity on the field to ensure efficient execution of the matches, maintain the pace of the event, and smooth flow of match play. Field Supervisors work in collaboration with the *FIRST* Technical Advisors who provide support and advice during the event. Field Supervisors also lead the Field Resetters.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service.

Responsibilities

- Implement *FIRST* safety standards and help manage safety for the event
- Participate in pre-event training provided by *FIRST*
- Review the Roles and Expectations document for the Field Supervisor
- Review and understand all game and field documents provided for the Field Supervisor
- Supervise field constructions (including practice field) in collaboration with the *FIRST* Technical Advisor (FTA)
- Lead Field Resetters; Direct field reset process and manage field repairs
- Facilitate adherence to match timing
- Monitor placement of robots on field
- Promote and monitor the safety of volunteers and team members
- Collaborate with the Lead Queuer, Game Announcer, Emcee, *FIRST* Technical Advisor Assistant (FTAA), and FTA to monitor and set/adjust game pace
- Conduct volunteer training for and supervise Field Assembly/Disassembly and Field Resetters at event
- Obtain a radio from event management office to keep aware of event information and issues, return it to office at end of day
- Attend the daily morning meeting if directed by the Event Manager

Experience and Skills Needed

- *FIRST* experience required including an understanding of event match cycles
- Team experience preferred but not required; Team match participation ideal
- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Knowledge of the competition game and rules
- Mechanical/Technical experience ideal
- Strong leadership skills
- Strong interpersonal/communication skills
- Ability to stand for long periods of time and move about playing field

Volunteer Time Commitment

- Pre-event Training calls
- Setup Day
- Practice Day (if applicable)
- Minimum 3 full day commitment

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Field Supervisor Trainer: Scott Goering and Ayla DeLaat

Training Conference Calls: Please reference the [role description page](#) for the updated dates, times, and call-in info

*An invitation to join the Box.com training folder will be sent via email by the Trainer/*FIRST* HQ

Reporting Relationships and Supervision

- Direct Supervision: *FIRST* Technical Advisor
- On-Site Support: Volunteer Coordinator

FIRST Technical Advisor (FTA)

The *FIRST* Technical Advisor (FTA) is responsible for ensuring *FIRST* Robotics Competition events run smoothly, safely, and in accordance with *FIRST* requirements, and ensuring a high-quality experience for all event participants and teams. The FTA collaborates with *FIRST* staff, event staff, and other event volunteers in many different areas at events. The FTA is the liaison between *FIRST* HQ and the event for all things related to the field, robots and game, acts as a team advocate for all teams competing at the event, and is a major point of escalation and conflict resolution for the event.

The FTA role is a highly visible role with significant responsibility – the success of an event relies on the leadership, knowledge, and diligence of the FTA.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service.

Responsibilities

- Ensuring *FIRST* Robotics Competition events provide exceptional team experience and meet or exceed minimum standards for safety, by implementing guidance and guidelines provided by *FIRST* HQ and event staff at *FIRST* Robotics Competition events
- Coordinating the efforts of numerous event staff and volunteers, and providing expert opinions, input, and troubleshooting when necessary
- Effectively communicating with *FIRST* HQ and/or local partners before, during, and after events to identify issues requiring further resolution, to report on successes and failures at events, and to ensure team experience issues are resolved as needed
- Mediating and de-escalating conflicts that may arise between event participants, volunteers, and/or staff members
- In collaboration with Event Management, AV Staff, and Venue Staff, ensuring venue and AV setup is safe and in an ideal event-ready state for the event to take place, and providing expert opinions and troubleshooting for venue-related issues that may arise
- In collaboration with the Field Supervisor and *FIRST* Technical Advisor Assistant(s) (FTAAs), ensuring successful field build (including practice field), maintenance, troubleshooting, teardown, and loadout, including mechanical, electrical, and FMS-related components
- In collaboration with the Lead Robot Inspector (LRI), FTAA(s), and Control System Advisors (CSAs), ensuring teams are able to participate to their highest level possible, and are able to effectively and quickly troubleshoot, resolve, and communicate technical challenges faced
- In collaboration with the Head Referee and Scorekeeper(s), ensuring the event is carried out effectively, fairly, and promptly
- In collaboration with the Lead Queuer and Field Supervisor, ensuring the queuing and field reset process proceeds smoothly and efficiently
- Participation in all FTA training and support programs provided by *FIRST* HQ
- Providing written and oral feedback to *FIRST* HQ on event outcomes and issues faced
- Only individuals who have been issued the *FIRST* role specific apparel may wear it for both official and non-official *FIRST* events

Experience and Skills Needed

Required:

- Must be post-high school or equivalent
- Minimum age: 18 (preferred age: 21+)

- Exceptions may be granted by *FIRST* HQ
- Demonstrated exceptional communication, leadership, and conflict resolution skills
- Excellent time management and coordination skills, and ability to multitask and work under pressure
- Strong desire to spend long hours providing the best possible experience for all event participants and teams, and desire to be the first volunteer in and last volunteer out at events
- Demonstrated previous experience with at least one of the following, and willingness to familiarize with and learn about all of the following:
 - *FIRST* Robotics Competition robot control system
 - *FIRST* Field Management System (FMS)
 - *FIRST* Robotics Competition game field mechanical or electrical components
 - *FIRST* event and volunteer management
 - *FIRST* Robotics Competition [game](#), [event](#), and [safety](#) rules
- Ability to be active and moving throughout event venues for long periods of time*

Nice-To-Haves:

- Previous experience in other *FIRST* event roles, especially in multiple different technical (FTAA, CSA, etc) and/or non-technical (Field Reset, VC, Judge, etc) roles
- Previous experience as a student or mentor of a *FIRST* Robotics Competition team

Time Commitment:

- Required attendance at FTA training every year, and participation in training and update calls as required
- Minimum commitment of 2 official “regular season” events per season
 - Exceptions may be considered by *FIRST* HQ
- Event Time Commitments
 - FTAs are expected to be present at events whenever the event is open to teams and/or public - typically, this means FTAs are among the first volunteers to arrive and among the last to leave each event day
 - Minimum 3 full day commitment (Districts) - setup + 2 competition days
 - Minimum 4 full day commitment (Regionals and District Championships) - setup + 3 competition days

Note: Event schedules vary. Please check the event schedule and talk to event management for detailed information about the schedule.

Training

Provided by *FIRST* HQ or designated district FTA training lead(s) prior to the start of competition season. Includes: Live and/or recorded training sessions at *FIRST* HQ or designated district location, live and/or recorded web conferences, teleconference(s), manual and other support materials, email communications and one-on-one support. Training continues throughout the season via regular calls and updates.

Reporting Relationships and Supervision

FTAs work in partnership with *FIRST* staff and Program Delivery Partners (PDPs) to deliver a high-quality event experience to teams. FTAs collaborate closely with event staff, the *FIRST* Technical Advisor Assistant (FTAA), other key volunteers, *FIRST* staff, and PDPs to ensure a successful event. FTAs may also consult with the Co-Chief FTAs or *FIRST* staff on aspects related to their role responsibilities.

Nomination

FIRST Technical Advisors are nominated by current FTAs, Program Delivery Partners, Volunteer Coordinators, or *FIRST* HQ staff. *FIRST* HQ approves nominations and extends invitations to FTA nominees based on the needs of the program and candidate readiness as determined by experience and peer feedback in related roles.

In most cases, FTA candidates can expect to be placed in a training and trial role that provides candidates with opportunities to participate in some or all aspects of the FTA role under the supervision of experienced FTAs acting in a training role. FTA candidacy does not guarantee selection into the FTA role.

FIRST Technical Advisor Assistant (FTAA)

The *FIRST* Technical Advisor Assistant for *FIRST* Robotics Competition is a key volunteer position. They help keep the *FIRST* Robotics Competition field and event running smoothly and work in collaboration with the *FIRST* Technical Advisor. The position requires a high level of responsibility and can impact the quality of the event.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service.

Responsibilities

- Implement *FIRST* safety standards and help manage safety for the event
- Provide backup to the *FIRST* Technical Advisor (FTA)
- Work with volunteers to monitor wireless communications and other aspects of the event using available diagnostic tools
- Be aware of robot connection problems that arise and be ready to quickly diagnose and assist teams to assess and fix the problems
- Assist teams with robot technical issues on the field including but not limited to robot connection issues
- Review the Roles and Expectations document for the FTAA
- Participate in training opportunities offered by *FIRST*
- Attend the daily morning meeting if directed by the Event Manager

Experience and Skills Needed

- *FIRST* experience required; Understanding of event match cycles recommended
- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Familiarity or willingness to become familiar with one or more of the following roles/areas: robot control system, field management system, field electronics and diagnostic tools.
- Should be ready to step in should the FTA become unavailable
- Knowledge of the competition game and rules
- Obtain a radio from event management office to keep aware of event information and issues; return it to office at end of day (as applicable)
- Strong interpersonal/communication skills
- Ability to stand for long periods of time and move about playing field

Volunteer Time Commitment

- Pre-event Training calls
- Minimum 3 full day commitment (Districts)
- Minimum 4 full day commitment (Regionals and District Championships)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

FTAA Trainer: Scott Goering and Ayla DeLaat

Training Conference Calls: Please reference the [role description page](#) for the updated dates, times, and call-in info

*An invitation to join the Box.com training folder will be sent via email by the Trainer/*FIRST* HQ

Reporting Relationships and Supervision

- Direct Supervision: *FIRST* Technical Advisor
- On-Site Support: Volunteer Coordinator

Game Announcer (GA)

The Game Announcer for *FIRST* Robotics Competition is a key volunteer position. They work as part of a team with the Emcee to energize the teams and spectators to generate interest and enthusiasm throughout the matches. Game Announcers ensure the smooth flow of match play, maintain the pace of the event, and can significantly impact the quality of the competition.

Responsibilities

- High profile position, audible presence at competition
- Participate in training opportunities offered by *FIRST*
- Announce play-by-play commentary for each match
- Works as a team with the Emcee to produce a well-organized, thrilling event
- Work closely with the Head Referee and Scorekeeper in announcing scores and penalties
- Seek and announce unique information specific to individual teams

Experience and Skills Needed

- *FIRST* experience strongly preferred, but not required
- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Public speaking experience highly preferred; TV/radio/acting experience ideal
- Comfortable using a microphone and addressing a large crowd; vocally energetic
- Observant, creative, focused, quick thinking, high stamina
- Work well in a fast-paced environment
- Requires thorough knowledge or ability to learn game and match process
- Ability to produce real-time commentary during matches
- Ability to collaborate with others

Volunteer Time Commitment

- Pre-event Training calls
- Practice Day (optional) – observe practice matches and become familiar with the game and teams. No Announcing.
- Minimum 2 full day commitment

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Provided by *FIRST* HQ prior to the start of competition season. May include conference calls, supporting materials, email communications, and one-on-one support.

Game Announcer Trainer: Blair Hundertmark

[Emcee and Game Announcer Training Materials](#)

Reporting Relationships and Supervision

- On-Site Support: Event Manager and Volunteer Coordinator

Head Referee

The Head Referee for *FIRST* Robotic Competition is a key volunteer position. They are in a high visibility leadership position that is responsible for training, directing, and supervising all Referees and Official Scorers (when applicable). They oversee all scoring processes and procedures, in collaboration with the *FIRST* Technical Advisor (FTA). They work and interact with students, volunteers, and contracted/*FIRST* staff, always displaying Gracious Professionalism even in stressful situations. This physical role, positioned along the field border, has final authority for decisions regarding match scores. They play a critical role in ensuring smooth flow of match play, facilitating a positive and fair environment for all competitors, and maintaining the pace of the event.

The Head Referee is submitted by the Volunteer Coordinator. Once submitted, the individual must be approved by *FIRST*, including the Co-Chief Referees. Once approved, the candidate will be contacted and assigned by *FIRST* HQ.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service. A conflict of interest does not necessarily preclude an individual from being assigned the Head Referee role.

Responsibilities

- Complete Head Referee training as provided by *FIRST* HQ and the Co-Chief Referees
- Work with the Volunteer Coordinator prior to event to ensure the referee (and official scorer as applicable) roles are filled and certified
- Supervise Referees and Official Scorers (as applicable), starting with a conference call for the event's Referee crew approx. 1 week before the event begins
- Wear Head Referee shirt (provided by *FIRST* HQ) and safety glasses when in the arena
- Obtain a radio from event management office to keep aware of event information and issues, return it to office at the end of the day
- Secure and distribute referee supplies, manage referee radio sets (ensuring they are charged in advance and returned at the end of the day), and pack Referee case at the conclusion of the event
- Attend the daily morning meeting as directed by the Event Manager
- Facilitate a positive and fair competition environment for all participants
- Observe matches, "call" rule infractions
- Lead score deliberations, if necessary, and make final decisions regarding match scores or contested penalties
- Monitor and promote safe practices on and around the playing field leading by example
- Participate in deliberations with the FTA, Field Supervisor, and Lead Robot Inspector regarding robot-related issues as required
- Only individuals who have been issued the *FIRST* role specific apparel may wear it for both official and non-official *FIRST* events

Experience and Skills Needed

- Minimum age: 23
 - Exceptions may be granted by *FIRST* HQ
- 4 prior years of *FIRST* Robotics Competition referee experience (exceptions may be granted by *FIRST* HQ)
- Head Referees are limited to 3 events per season (exceptions may be granted by *FIRST* HQ)

- Ability to balance the nature of the position as one of ensuring fair play, while acting as a mentor and role model to students participating in the *FIRST* Robotics Competition
- Thorough knowledge of the competition game and rules of play, including staying up-to-date with Team Updates (must pass two online certifications by the deadlines established by the Chief Referees each season)
- Approachable personality; high energy
- Have strong communication skills, and ability to be assertive but tactful
- Self-directed individual
- Ability to collaborate with others; work as a member of a team
- Attention to detail
- Ability to move about the field and stand for long periods of time
- Strong assessment skills

Volunteer Time Commitment

- Pre-event season training
- Online Head Ref Periodic Training – every 3 years
- Must successfully complete online Head Referee & Referee certifications by the deadline set by *FIRST* HQ
- Minimum 2 full day commitment (Districts)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Game-specific training is provided by *FIRST* HQ prior to the competition season. Includes: recorded web conferences, teleconference(s), manual and other support materials, email communications, and/or one-on-one support.

In addition, Head Referee Periodic Training, which is not game or season specific, must be completed by all Rookie Head Referees. Veteran Head Referees must complete online Head Referee Periodic Training every 3 years in addition to season specific training each season. Veteran Head Referees may be asked to complete the Head Referee Periodic Training in order to remain qualified.

Reporting Relationships and Supervision

- On-Site Support: Volunteer Coordinator
- Support by *FIRST* Technical Advisor, Co-Chief Referees, and designated *FIRST* HQ contact

Inspection Manager

The Inspection Manager for *FIRST* Robotics Competition manages the paperwork and details associated with the inspection process and tracks the progress of all teams at the event through inspection. Provides support to the Lead Robot Inspector in prioritizing team inspections based on match schedule. Identifies issues and potential bottlenecks. Provides recommendations on physical flow of teams through the inspection station.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service.

Responsibilities

- Assist with set-up of inspection station
- Support the Lead Robot Inspector as needed including conveying team inspection assignments
- Track progress of all teams through the inspection process, and ensures the information is accurately displayed
- Perform robot weight and size checks as necessary, and helps sequence teams
- Ensure team inspection status is current and prominently displayed
- Provide info to Lead Robot Inspector and other key volunteers on progress and issues
- If affiliated with a team, cannot make decisions about or inspect affiliated team's robot
- Manage the inspection station including when the Lead Robot Inspector is away

Experience and Skills Needed

- *FIRST* experience not required; team experience preferred
- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Strong organization skills and attention to detail
- Strong interpersonal/communication skills
- Ability to collaborate with others and work as a member of a team

Volunteer Time Commitment

- Minimum 2 full day commitment (Districts)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training/Resources

Lead Robot Inspector conducts training day of and provides guidance during the competition. Please review the following resource before the event:

- [Inspection Manager Best Practices](#)

Reporting Relationships and Supervision

- Direct Supervision: Lead Robot Inspector
- On-Site Support: Volunteer Coordinator

Judge

Judges for *FIRST* Robotics Competition select team award recipients with the help of a Judge Advisor through interaction with teams. They review team information and serve as role models for the students. Judges have the ability to positively impact the quality of event and have an opportunity to coach students on career paths.

There are separate volunteer roles within the system called “Judge – *FIRST* Impact Award” and “Judge – Dean’s List Award”. These volunteers focus on those specific awards but much of this role description still applies to those roles.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service.

Responsibilities

- Attend and complete required judge training
 - Learn and understand award criteria and selection process
- Read the judge Manual
- Wear provided judge shirt, closed toed shoes, and safety glasses
- Interview, take notes and observe teams in the Pit, on the playing field, and other areas
- Review all information given by teams while at the event
- Participate on judge panel to help decide team/student awards recipients
- Write short awards scripts extolling merits of winning teams
- Assist with award presentations to teams
- Must disclose all relationships with *FIRST* Robotics Competition teams at the event and must follow the directions given to you by the Judge Advisor

Experience and Skills Needed

- *FIRST* experience not required
- Must be post-high school or equivalent (m
- Minimum age: 18 (preferred age: 21+).
- Strong assessment skills
- Strong critical thinking skills
- Strong interpersonal/communication skills
- Ability to collaborate with others, work as a member of a team
- Ability to balance the nature of the position as one of ensuring fair judging, while acting as a mentor and role model to students participating in the *FIRST* Robotics Competition
- Ability to move about the facility

Volunteer Time Commitment

- Remote pre-event training
- Could include some pre-event online reading and interviews
- Minimum 2 full day commitment at event

Note: Event schedules vary. Please check the event schedule and talk to your Judge Advisor for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Training is provided remotely by *FIRST* HQ and the Judge Advisor prior to the competition. The Judge Advisor will email the Judge Manual to all judges prior to the competition.

Reporting Relationships and Supervision

- Direct Supervision and On-Site Support: Judge Advisor
- Support provided by *FIRST* HQ, if needed

Judge Advisor (JA)

The Judge Advisor for *FIRST* Robotics Competition is a key volunteer position. They are responsible for training the Judge Panel pre-event and leading the Judge Panel on-site. Judge Advisors do not participate in selecting awards but rather facilitate that process. This position requires a high level of organization and interpersonal skills, and can affect the quality of the event.

The Judge Advisor is submitted by the Planning Committee via the Program Delivery Partner. Once submitted, the individual must be approved through *FIRST* HQ and the Chief Judge Advisors. Once approved the candidate will be contacted and assigned by *FIRST* HQ.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service.

Responsibilities

- Complete *FIRST*'s Data Privacy and Protection training
 - Maintain confidentiality of personal information in compliance with the [FIRST Privacy Policy](#)
- Participate in all required Judge Advisor training provided by *FIRST* HQ and the Chief Judge Advisors, including conference calls and webinars and reading the Judge manual and other materials yearly
- Training the Judge Panel pre-event & Leading the Judge Panel on-site
- Facilitating award decisions & clarifying award guidelines and ensuring the overall consistency of the awards process in accordance with *FIRST* policy and guidelines
- Opportunity to contribute to the successful execution of the competition
- Opportunity to cultivate support for *FIRST* programs
- Must communicate with their group of Judges prior to their event. This may include email or phone communication starting at least one month before and leading up to the event.
- Work with the Volunteer Coordinator and assist as needed
- Judge Advisors may be asked to recruit, or help recruit Judges. Judge Advisors should work with their Planning Committee and Volunteer Coordinator to understand who will be doing the Judge recruiting.
- Submit Judge Evaluations to *FIRST* HQ post-event
- Must understand and advise judges regarding any relationships with FRC teams at the event
- Must pass the JA Certification prior to the start of events
- Attend the daily morning meeting if directed by the Event Manager

Experience and Skills Needed

- Minimum of 3 years as a Judge at an FRC event (exceptions may be granted by *FIRST* HQ)
- Minimum age: 23
 - Exceptions may be granted by *FIRST* HQ
- Understand the *FIRST* mission
- Excellent organizational and communication skills required
- Strong assessment skills
- Strong critical thinking skills
- Strong interpersonal/communication skills
- Ability to work as a member of a team

Volunteer Time Commitment

Pre-event Commitment

- November – December: Review training materials and help recruit judges (approx. 5 - 10 hours)
- January – April: Review training materials, Complete JA certification, Recruit judges, Prepare materials for event (approx. 15 hours)

During Event Commitment

- Minimum 2 full day commitment at event

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Pre-event training by Chief Judge Advisors and *FIRST* HQ. Pre-event certification provided by *FIRST* HQ prior to start of competition season. Judge Advisors are responsible for reviewing materials, slack messages, and email blasts throughout the season.

Reporting Relationships and Supervision

Judge Advisors work in partnership with *FIRST* staff and Program Delivery Partners (PDPs) to deliver a high-quality event experience to teams. JAs collaborate closely with event staff, the Volunteer Coordinator (VC), *FIRST* staff, and PDPs to ensure a successful event. JAs may also consult with the Co-Chief JAs or *FIRST* staff on aspects related to their role responsibilities.

Judge Advisor Assistant (JAA)

The Judge Advisor Assistant (JAA) role for *FIRST* Robotics Competition assists the Judge Advisor (JA) throughout the event. Collaborates with event management staff to ensure the judges are meeting the competition schedule and oversees the food and drinks delivered to the judge room. The JAA does not interview teams or participate in the awards selection process.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service.

Responsibilities

- Ensure correct set-up for the judge rooms; keep rooms organized and clean throughout event
- Organize and ensure all materials and supplies needed are available
- Assist Judge Advisor to keep judge panel on schedule
- Provide clerical assistance, such as typing up award scripts on laptop (provided)
- Obtain a radio from event management office (when available) to keep aware of event information and issues; inform Judge Advisor and Judge Panel of schedule changes
- Ensure all Judges sign a Volunteer Conflict of Interest and Disclosure Statement (if needed)
- Breakdown the Judge Room at the end of the competition, repack *FIRST* material (if applicable)
- Serve as a Chairman's/Dean's List Award Interview Room Runner (if applicable)
- May be asked to assist with distribution of awards to teams during the Awards Ceremony
- Perform other duties as assigned by Judge Advisor

Experience and Skills Needed

- *FIRST* experience not required
- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Approachable and friendly personality
- Strong interpersonal/communication skills
- Strong writing and organizational skills
- Basic computer skills
- Ability to keep information confidential

Volunteer Time Commitment

- Pre-event Set-up (1/2 day)
- Minimum 2 full day commitment at event

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator and Judge Advisor for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

The Judge Advisor Assistant is provided with a checklist of responsibilities prior to, or at the event. The Judge Advisor provides guidance during the event.

Reporting Relationships and Supervision

- Direct Supervision and On-Site Support: Judge Advisor and/or Event Manager

Lead Queuer

The Lead Queuer for *FIRST* Robotics Competition is a key volunteer position. They direct and supervise the Queuers, help determine team traffic flow on and off the field, and monitor flow during the competition. They play a critical role in ensuring smooth flow of match play and maintaining the pace of the event. This is a physically active role.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service.

Responsibilities

- Implement *FIRST* safety standards and help manage safety for the event
- Contribute to the success of the competition by maintaining match pace
- Collaborate with Field Supervisor and *FIRST* Technical Advisor on team traffic flow pattern to/from the playing field
- Train, direct, and supervise Queuers
- Restrict access to field for unauthorized individuals
- Stage and position teams in preparation for the start of matches
- Stage and position team representatives for Alliance Selection
- Maintain uninterrupted flow of teams to the playing field
- Direct teams to player stations, and facilitates team departure from field
- Obtain a radio from event management office to keep aware of event information and issues; return it to office at end of day
- Communicate with the Pit Announcer regarding team competition schedule and timing, working with the match schedule
- Create proper markings for team flow direction
- Attend the daily morning meeting if directed by the Event Manager

Experience and Skills Needed

- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Queuer experience is helpful
- Ability to "take charge"; be assertive, but tactful
- Ability to collaborate with others; work as a member of a team
- Basic knowledge of the match process is helpful
- Strong leadership, interpersonal and communication skills
- Self-directed individual
- Ability to stand for long periods of time

Volunteer Time Commitment

- Pre-event training call
- Minimum 2 full day commitment (Districts)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Pre-event certification provided by *FIRST* HQ prior to the competition season. *FIRST* Technical Advisor provides advice during the competition.

Reporting Relationships and Supervision

- Direct Supervision: *FIRST* Technical Advisor (FTA)
- On-Site Support: Volunteer Coordinator

Lead Robot Inspector (LRI)

The Lead Robot Inspector for *FIRST* Robotics Competition is a key volunteer position. The LRI oversees and performs mandatory robot inspection and weigh-in processes to ensure compliance with the current season robot design and construction rules. They train, supervise, and direct the Robot Inspectors and Inspection Managers; make final decisions regarding inspection decision disputes; provide general technical support for teams by helping to resolve issues with their robots; and ensure all teams are inspected and ready to play when matches begin.

The Lead Robot Inspector is submitted by the Volunteer Coordinator. Once submitted, the individual must be approved through *FIRST*; including the Chief Robot Inspectors. Once approved the candidate will be contacted and assigned by *FIRST* HQ.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service.

Responsibilities

- Help recruit Robot Inspectors for your event
- Work with your Volunteer Coordinator and assist as needed
- Set up inspection and weigh-in areas
- Perform robot inspections and weigh-ins using the Inspection Checklist
- Obtain mentor and student signatures on the Inspection Checklist and sign and date the Checklist when all sections are complete
- Ensure the robot inspection process supports the competition schedule
- Assist Inspection Manager to complete inspection paperwork
- Be present at the Driver's Meeting to remind teams about inspections and the need to be re-inspected when making changes to the robot. Answer any questions from teams at that time.
- Lead deliberations with Robot Inspectors regarding inspection issues or discrepancies; makes the final decision (in case of a dispute, collaborate with *FIRST* or a Chief Robot Inspector if needed)
- Determine need for re-inspections
- Supervise, direct and act as a resource for Robot Inspectors
- Break down inspection and weigh-in areas and pack for transport
- Maintain consistency throughout the inspection process
- Meet with FTA and Head Referee throughout competition to discuss robot issues and other items that affect the competition
- If affiliated with a team, cannot make decisions about or inspect affiliated team's robot
- Attend daily morning meeting conducted by the Event Manager
- Be present on the field during elimination matches and be available to both the Head Ref and FTA for consultation
- Only individuals who have been issued the *FIRST* role specific apparel may wear it for both official and non-official *FIRST* events
- LRI's are required to use the *FIRST* Slack channel and fill out the feedback survey after the event

Experience and Skills Needed

- Minimum 2 years prior *FIRST* Robot Inspection experience required; 2 years prior team robot build experience required (exceptions may be approved by *FIRST* HQ)
- Minimum age: 21
 - Exceptions may be granted by *FIRST* HQ

- Knowledge of robot inspection and other competition rules
- Mechanical and electrical aptitude required
- Ability to follow and enforce electrical wiring diagrams
- Ability to follow and enforce pneumatics diagrams
- Ability to "take charge", be assertive, but tactful
- Strong interpersonal, communication, and leadership skills
- Ability to collaborate with others; work as a member of a team
- Self-directed individual
- Ability to move about facility, and stand for long periods of time

Volunteer Time Commitment

- Lead Robot Inspector in-person training as noted below
- Pre-event & post-event training calls
- Must pass online Robot Inspector certification one week prior to the event
- Minimum 2 full day commitment (Districts)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Lead Robot Inspector training is provided by *FIRST* HQ prior to start of competition season. May include: live and/or recorded web conferences, teleconference(s), manual and other support materials, and email communications. All LRI's are responsible for watching LRI Training videos, reviewing presentation and training materials, and passing the Robot Inspector test each season.

All Rookie Lead Robot Inspectors must participate in training prior to serving as a Lead Robot Inspector. Existing Lead Robot Inspectors may be asked to participate in order to remain qualified. Any exceptions requests will be reviewed on a case-by-case basis by *FIRST* HQ.

The Lead Robot Inspector is expected to conduct training for Robot Inspectors and Inspection Managers for their event.

Reporting Relationships and Supervision

- Support by Planning Committee, *FIRST* HQ, and Co-Chief Robot Inspectors
- On-Site Support: Volunteer Coordinator

Load-In/Out Crew

The Load-In/Out Crew for *FIRST* Robotics Competition is critical to the safety of the teams, volunteers and the public during these processes. This is a physically active position that requires facilitating smooth team traffic flow throughout the facility when the teams are transporting their materials, including their robots, in and out of the event venue at the start and end of an event. A volunteer does not need to fulfill both roles of Load-In Crew and Load-Out Crew; instead, they could fill either position independent of the other.

Responsibilities

- Arrive early and walk-through Load-In plan with Event Manager to help determine best placements for all volunteers both inside and outside the venue. Ensure that you understand the flow and are prepared to communicate it to other volunteers and teams.
- Work with the Safety Manager to ensure safety of all team members and volunteers that are taking part in the load-in/out process
- Direct teams as they are transporting robots, tool crates, etc. into and out of the event venue
- Keep aisles, hallways and team traffic pathways clear in the Pit at all times
- Know the location to all important areas of the venue (e.g., first aid station, Pit area, etc.) to provide adequate instruction as requested
- One volunteer may be asked to be the lead of this role to help direct others. Talk with your Volunteer Coordinator to understand who will be the lead.
- May be asked to work outside directing traffic in the load-in/out area and/or teams entering, or exiting, the venue

Experience and Skills Needed

- *FIRST* experience not required
- Minimum age: 13
- Approachable and friendly personality
- Strong interpersonal/communication skills
- Ability to take charge; be assertive, but tactful
- Physically active position; ability to stand for long periods; walk the length of the facility
- General knowledge of facility and event layout (can learn this on-site before shift begins)
- Adults preferred but older teens may be considered

Volunteer Time Commitment

- Review Pre-event training slides
- Load In Day - 2 half day commitment (Regionals)
- Load In Day - 1 half day commitment (Districts)
- Load Out Day - half day commitment (both Districts & Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site at least 30 minutes prior to the start of their shift to allow time to check in at the Volunteer Registration table.

Training

Please review the following resource before the event:

- [Load-In/Out Crew Best Practices](#)

Reporting Relationships and Supervision

- Direct Supervision: Event Manager
- On-Site Support: Event Manager and Volunteer Coordinator

Machine Shop Staff

Machine Shop Staff volunteers for *FIRST* Robotics Competition assist teams with robot repair and modifications. Some volunteers may help with processing orders while others may use machines and tools to make requested modifications. This role requires a significant level of responsibility and provides the opportunity to utilize and further develop coaching skills and mechanical knowledge. This is an active role, not sedentary.

Responsibilities

- Process work orders in a timely manner
- Use tools and machines supplied to make modifications requested by teams
- Promote and instruct teams on tool safety practices depending on insurance and shop regulations
- Maintain safe work environment
- Maintain an organized area

Experience and Skills Needed

- *FIRST* experience not required, general knowledge of *FIRST* preferred
- Must be post-high school or equivalent
- Minimum age: 18
- Must be able to work in a fast-paced environment
- General knowledge of robot parts
- Experienced machinist/welder, or significant machine shop experience
- Strong mechanical/technical skills
- Experience using a variety of machine tools (See the list at end of position description)
- Strong interpersonal and communication skills
- Self-directed individual
- The list below includes equipment that is typical of most event Machine Shops, which any volunteer assigned to the Machine Shop Staff role should be qualified to operate. Please note that additional equipment may be present. Machine Shop Staff will not operate any equipment they are not trained or otherwise qualified to operate.
 - Vertical milling machine
 - Engine lathes
 - Acetylene torches
 - Drill press
 - Band saw
 - Disc sander
 - TIG welder
 - Finger brake
 - MAPP gas torch
 - Portable band saw
 - Saber saw
 - Router or roto-zip
 - Circular saw

Volunteer Time Commitment

- Minimum 1 full day commitment
- Preferred 2 full day (Districts) or 3 full day (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Training is on-site

Reporting Relationships and Supervision

- Direct Supervision and On-Site Support: Event Manager

Pit Administration Supervisor

The Pit Administration Supervisor for *FIRST* Robotics Competition is a key volunteer position. They manage all activities in the Pit, along with Pit area operations including coordination of the Pit Administration station, team interface, and collaborates with Emergency Medical Technicians (EMTs).

Responsibilities

- Complete *FIRST*'s Data Privacy and Protection training
 - Maintain confidentiality of personal information in compliance with the [FIRST Privacy Policy](#)
- Participate in **mandatory** training conducted by *FIRST* HQ prior to the event
- Attend Volunteer Meeting and conduct training for Pit Administrator, Spare Parts Attendant, Machine Shop Shuttle Driver, and Pit Announcer (if one is assigned)
- Set up the Pit Administration station and direct completion of team registration packet assembly prior to start of the event
- Prohibit teams and guests from entering Pit prior to scheduled opening time; facilitate the on-time departure of teams after Pit closes
- Ensure teams complete and submit required forms; coordinate resolution for teams that do not bring required forms to the event
- Supervise Pit Administrators, including the Pit Announcer (if one is assigned)
- Customer-facing, must be friendly and always behave in a graciously professional manner
- Answer questions from teams and visitors in the Pit area
- Primary interface with the EMTs; collaborate with EMTs on preparing Medical and Non-Medical Incident Reports as required
- Return all team presentation materials to competing teams
- Obtain a radio from the event management office to keep aware of event information and issues, return it to the office at end of day
- Supervise Pit station break down process/repacking of Pit travel crates during the final award ceremony
- Monitor team load out
- Attend the daily morning meeting if directed by the Event Manager

Experience and Skills Needed

- 1-2 years of experience as a *FIRST* Pit volunteer preferred, but not required
- Minimum age: 21
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Ability to "take charge"; be assertive, but tactful
- General knowledge of facility and event layout
- Strong interpersonal/communication skills
- Strong organizational skills
- Self-directed individual
- Ability to work as a member of a team
- Must be willing to commit to the duration of the event and work extended hours

Volunteer Time Commitment

- Pre-event training calls

- Set-up Day (half day commitment)
- Minimum 2 full day commitment (Districts)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Pit Admin Supervisor Trainer: Naomi Mancuso & Sue Cannamucio

Training Conference Calls: Please reference the [role description page](#) for the updated dates, times, and call-in information

Reporting Relationships and Supervision

- On-Site Support: Volunteer Coordinator

Pit Administrator

The Pit Administrator role for *FIRST* Robotics Competition provides direction, assistance, information, and support to teams and guests in the Pit. Volunteers in this role may be asked to make general announcements via the public-address (PA) system in the Pit area but this varies by event. This is a physically active, fast-paced role.

Responsibilities

- Complete *FIRST*'s Data Privacy and Protection training
 - Maintain confidentiality of personal information in compliance with the [FIRST Privacy Policy](#)
- Set-up the Pit Administration station (varies by event)
- Assist with team check-in
- Answer questions from teams, and visitors in the Pit area
- Assist with distribution of the daily match schedule to teams
- Maintain an adequate supply of printed materials at the Pit Administration station
- Prohibit teams and guests from entering Pit prior to scheduled opening time; facilitate the on-time departure of teams after Pit closes
- Manage lost and found items
- Collaborate with EMTs on preparing Incident Reports as required
- Communicate with the Queuers to coordinate team line-up for matches, for events that require these announcements
- Make general "housekeeping" announcements
- Help facilitate teams needing parts or assistance by making announcements
- Break down and pack up Pit Administration station during the final awards ceremony

Experience and Skills Needed

- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators, after review and approval by the local Program Delivery Partner
- General knowledge of the *FIRST* Robotics Competition
- Customer-facing, must be friendly and behave professionally at all times
- General knowledge of facility and event layout
- Strong interpersonal/communication skills
- Strong organizational skills

Volunteer Time Commitment

- Minimum 2 full day commitment (Districts)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Pit Administration Supervisor conducts training onsite* and provides guidance during the competition

Reporting Relationships and Supervision

- Direct Supervision: Pit Administration Supervisor
- On-Site Support: Volunteer Coordinator

Practice Field Attendant

The Practice Field Attendant for *FIRST* Robotics Competition schedules and monitors practice field and equipment usage throughout the event. This volunteer is also responsible for keeping the practice field clean and free of debris, protecting practice field electronics, and reporting any malfunctions or damage to the field directly to the Field Supervisor/ *FIRST* Technical Advisor.

Responsibilities

- Implement *FIRST* safety standards and help manage safety for the event
- Maintain a schedule at the practice field, monitor flow of teams, ensure fair use of the field
- Assist teams with the wireless equipment provided for the practice field (instructions provided)
- Report any malfunctions or field damage to the Field Supervisor / *FIRST* Technical Advisor
- Keep the practice field clean of debris
- Ensure all teams are given equitable access to the practice field

Experience and Skills Needed

- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by Volunteer Coordinators, after review and approval by the local Program Delivery Partner
- *FIRST* experience not required
- Basic knowledge in making connections to electronic equipment (instructions provided)
- Ability to "take charge"; be assertive, but tactful
- Ability to keep track of, and secure as required, practice field electronics
- Ability to collaborate with others; work as a member of a team
- Ability to work and interact with volunteers, team members, and *FIRST* staff
- Basic knowledge of the game and match process is helpful
- Self-directed individual
- Strong interpersonal and communication skills
- Strong organizational skills
- Work well in a fast-paced environment
-

Volunteer Time Commitment

- Minimum 1/2 day commitment
- Preferred 2 full day commitment (Districts) or 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Training is on-site but volunteers are encouraged to read the [Practice Field Attendant Instructions](#) before arriving.

Reporting Relationships and Supervision

- Direct Supervision: Volunteer Coordinator

- Technical Supervision: *FIRST* Technical Advisor (FTA) or *FIRST* Technical Advisor Assistant (FTAA if the FTA is unavailable)

Queuer

The Queuer role for *FIRST* Robotics Competition plays a critical role in ensuring smooth flow of match play and maintaining the pace of the event. The Queuer is responsible for managing team traffic to and from the playing field and restricting access to the field for unauthorized individuals. This is a physically active role.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service.

Responsibilities, as determined by the Lead Queuer, may include

- Implement *FIRST* safety standards and help manage safety for the event
- Stage and position teams for matches
- Restrict access to field for unauthorized individuals
- Obtain a radio from event management office to keep aware of event information and issues, return it to office at end of day
- Communicate with the Lead Queuer regarding team competition schedule and timing, working with the match schedule
- Maintain an uninterrupted flow of teams to the playing field
- Direct teams to player stations and facilitate team departure from field

Experience and Skills Needed

- *FIRST* experience not required, but preferred
- Minimum age: 13 (Preferred: 15+)
- Ability to "take charge"; be assertive, but tactful
- Basic knowledge of the match process is helpful
- Strong leadership, interpersonal and communication skills
- Ability to collaborate with others, work as a member of a team
- Self-directed individual

Volunteer Time Commitment

- Minimum 2 full day commitment (Districts)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

The Lead Queuer will conduct training on site and provide guidance during the competition

Reporting Relationships and Supervision

- Direct Supervision: Lead Queuer
- On-Site Support: Volunteer Coordinator

Quiet Room Attendant

The Quiet Room Attendant for *FIRST* Robotics Competition oversees the Quiet Room and helps to ensure that individuals using the room respect the nature of the space. The volunteer in this position will monitor the Quiet Room, supervise activities, answer questions, and provide gentle reminders of the purpose of this space. The Quiet Room is a place for individuals to step away from the excitement and pressure of a *FIRST* event to decompress in silence.

Responsibilities

- Set the tone by doing your own quiet/silent activity while monitoring the room.
- Arrange space and (possible) supplies to be welcoming
- Maintain the room and any equipment in good order (for example, moderate lighting and minimal visual stimuli, organized supplies for activities)
- Answer questions and provide general assistance
- If empty, take a walk and invite people to use the space
- Take short breaks as needed. Coordinate with the Volunteer Coordinator if someone needs a break. There should be at least two people monitoring the room at all times.
- Keep room quiet, maintain supplies, contact appropriate people in emergency (EMT or other Emergency Services – phone numbers, how to call 911, etc.)
- Know what is and what is not allowed in the Quiet Room. Reference the [Expanded Quiet Room Guide](#) for more details.

Experience and Skills Needed

- *FIRST* experience not required
- Must be post-high school or equivalent
- Minimum age: 18 at time of service
- Self-directed individual
- Does NOT need to be professionally trained

Volunteer Time Commitment

- Minimum 1/2 day commitment
- Preferred 2 full day commitment (Districts) or 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Volunteers should coordinate with the Volunteer Coordinator in advance to understand what materials will be available for the room. Volunteers should also read the [Expanded Quiet Room Guide](#) prior to arrival on site to understand additional details.

Reporting Relationships and Supervision

- On-Site Support: Volunteer Coordinator

Referee

The Referee for *FIRST* Robotics Competition is a key volunteer position. Referees observe matches, identify and “call” rule infractions, and participate in deliberations with other referees and the Head Referee regarding contested calls. They work under the direction of the Head Referee, and play a critical role in ensuring a positive, fair environment with a smooth flow of match play. This role is physically active and positioned on the perimeter of the playing field.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service. A conflict of interest does not necessarily preclude an individual from being assigned the Referee role.

Responsibilities

- Must participate in pre-event conference call and/or onsite meeting conducted by the Head Referee
- Contribute to a positive and fair competition environment for all participants
- Display Gracious Professionalism at all times, even in stressful situations
- Participate in discussions with Head Referee and other Referees to determine official penalty or scoring rulings
- Monitor/promote safe practices on and around the playing field - lead by example
- Wear safety glasses and provided Referee shirt when in the arena
- Obtain a radio from the Head Referee (used to discuss rule infractions)
- Observe matches and "call" rule infractions

Experience and Skills Needed

- Must be post-high school or equivalent
- Minimum Age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Thorough knowledge of the competition game and rules of play, including staying up-to-date with Team Updates (must pass certification test prior to first Referee shift each season based on the timeline established by the Chief Referees)
- Work and interact with volunteers, team members and students, contracted and *FIRST* staff
- Approachable personality; high energy
- Ability to balance the nature of the position as one of ensuring fair play, while acting as a mentor and role model to students participating in the *FIRST* Robotics Competition
- Strong communication skills and an ability to "take charge"; be assertive, but tactful
- Ability to collaborate with others, work as a member of a team
- Ability to move about the field and stand for long periods of time

Volunteer Time Commitment

- Must pass online Referee certification by deadline set by *FIRST* HQ
- Minimum 2 full day commitment (Districts)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Pre-event certification provided by *FIRST* HQ prior to the competition season. Head Referee conducts additional training during a teleconference approximately one week in advance of the event and/or onsite meeting. The Head Referee provides guidance during the competition.

Reporting Relationships and Supervision

- Direct Supervision: Head Referee
- On-Site Support: Volunteer Coordinator

Robot Inspector (RI)

The Robot Inspector (RI) for *FIRST* Robotics Competition is a key volunteer position. Robot Inspectors perform mandatory robot inspections, including weight and size, to ensure compliance with robot rules. They determine inspection outcome decisions (pass/fail) and work under the directions of the Lead Robot Inspector. The RI provides technical support to teams to help to resolve issues with their robots. This is a physically active role.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service.

Responsibilities

- Perform robot inspections and weigh-ins for each team assigned using the Inspection Checklist
- Obtain mentor and student signatures on the Inspection Checklist and sign and date the Checklist when all sections are complete
- Participate in deliberations regarding inspection decision issues
- Assist with breakdown of robot inspection/weigh-in areas
- If affiliated with a team(s), cannot inspect affiliated team's robot
- Any other tasks as directed by the Lead Robot Inspector

Experience and Skills Needed

- *FIRST* experience not required, but strongly preferred
- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Two years of experience with *FIRST* Robotics Competition robot build experience strongly preferred
- Mechanical and electrical aptitude required
- Ability to follow and enforce electrical wiring diagrams
- Ability to follow and enforce pneumatics diagrams
- Strong interpersonal/communication skills
- Ability to collaborate with others; work as a member of a team
- Ability to move about the facility, and stand for long periods of time

Volunteer Time Commitment

- Must pass Robot Inspector certification minimum one week prior to the event
- Minimum 1 full day commitment (preferably on first day of inspections)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Pre-event certification provided by *FIRST* HQ prior to the competition season. The Lead Robot Inspector conducts training onsite and provides guidance during the competition.

Reporting Relationships and Supervision

- Direct Supervision: Lead Robot Inspector
- On-Site Support: Volunteer Coordinator

Safety Attendant

Safety Attendant volunteers for *FIRST* Robotics Competition work together under the Safety Managers to help keep the event safe. Some volunteers may help by greeting visitors and handing out safety glasses at Safety Glass Stations. Others may help with pedestrian traffic flow throughout the facility, monitoring the audience, and keeping walkways and aisles clear.

Maintain an adequate supply of safety glasses at Safety Glass Stations, alert the Safety Manager when more glasses, supplies, or volunteers are needed. Maintain a high level of safety as stated in the [FIRST Safety Manual](#) and [FIRST Game & Event Rules Manual](#).

Responsibilities

- Provide visitors with safety glasses needed to enter the pit area and clean safety glasses when returned
- Demonstrate Gracious Professionalism when explaining *FIRST* safety policies
- Provide visitors with earplugs as requested
- Keep aisles, hallways and team traffic pathways clear in the Pit, near the playing field
- Limits team, volunteer, and public access to field
- Ensure that all Safety Glasses Stations are adequately supplied with safety glasses, cleaning supplies, earplugs, and other items as needed throughout the day
- Properly secure safety glasses at the end of each day during the competition
- Complete Safety Glasses Inventory at end of competition
- Communicate with Event Manager and Safety Manager if additional supplies are needed, either for your own event or an upcoming event

Experience and Skills Needed

- *FIRST* experience not required
- Minimum age: 13
- Strong interpersonal and communication skills
- Approachable and friendly personality
- Ability to collaborate with others, work as a member of a team
- Ability to take charge; be assertive, but tactful
- General knowledge of facility and event layout

Volunteer Time Commitment

- Minimum 1/2 day commitment
- Preferred 2 full day commitment (Districts) or 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training/ Resources

Please review the following resources before the event:

- [Safety Glass Station Guidelines](#)
- [Safety Glasses Sign Out Sheet](#)
- [Return Safety Glasses Sign](#)

Reporting Relationships and Supervision

- Direct Supervision: Safety Manager and Pit Admin Supervisor

- On-Site Support: Volunteer Coordinator

Safety Manager

The Safety Manager for *FIRST* Robotics Competition is a key volunteer position. This role oversees the Safety Attendants to increase the awareness of safety. Volunteers in this role will work with teams, volunteers, and spectators to ensure they understand, comply with, and practice the fundamentals of safety to ensure the safety of all *FIRST* event participants.

The *FIRST* Safety program nurtures a positive reinforcement model that emphasizes safe behavior and coaching to correct unsafe behavior. The goal is to have a safe event and to promote safety as a holistic life skill. Safety Managers will receive training prior to the event and maintain a high level of safety as stated in the [FIRST Safety Manual](#) and [FIRST Game & Event Rules Manual](#).

Responsibilities

- Discuss event safety at Lead Mentor meetings (if applicable)
- Knowledge of safety issues
- Conduct Safety Captain meetings at event
- Manage the daily Safety Recognition awards
- Attend the daily morning meeting if directed by the Event Manager
- Monitor overall event safety, observe unsafe actions, and coach teams in appropriate safe behavior
- Oversee Pit safety from beginning to the end of the event including Load in and Load out
- Monitor Safety glasses tables to ensure safety glass stations are properly stocked and running efficiently

Experience and Skills Needed

- Minimum age: 21
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- *FIRST* experience not required; general knowledge of *FIRST* preferred
- Thorough knowledge of the safety principles required, work related safety background preferred
- Ability to "take charge"; be assertive
- Ability to link *FIRST* principles to a safety approach and move teams to compliance
- Ability to move about the facility
- Ability to work and interact with volunteers, team members, contracted staff, and *FIRST* staff
- Approachable and friendly personality
- Strong interpersonal/communication skills focused on a coaching approach

Volunteer Time Commitment

- Pre-event training (online certification)
- Minimum 2 full day commitment (Districts)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Pre-event certification provided by *FIRST* HQ prior to the start of competition season. Please review the following resources before the event:

- [Safety Glass Station Guidelines](#)
- [Safety Glasses Sign Out Sheet](#)
- [Return Safety Glasses Sign](#)

Reporting Relationships and Supervision

- Direct Supervision: Event Manager
- On-Site Support: Volunteer Coordinator

Scorekeeper

The Scorekeeper for *FIRST* Robotics Competition is a key volunteer position. Scorekeepers manage and operate the Field Management System (FMS) software for scoring and field control of *FIRST* Robotics Competition matches. They communicate scores, play a critical role in ensuring smooth flow of match play, and assist with maintaining the pace of the event.

*Must sign a [Conflict of Interest and Disclosure Statement](#) prior to start of service.

Responsibilities

- Primary operator of the Field Management System software
- Work with the FTA to test and operate the playing field electronics
- Communicate with Game Announcer, MC, and A/V staff to display Match Results and Awards
- Enter alliance team pairings and award winners into FMS
- Print materials to be distributed to Lead Queuer, Pit Administration Supervisor, etc.
- May assist with assembly and disassembly of Field Management System and playing field

Experience and Skills Needed

- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- *FIRST* experience is preferred, but not required
- Ability to collaborate with others, work as a member of a team
- Detail oriented and able to focus on the task for long periods of time
- Concise communication skills
- Working knowledge of the competition game and tournament rules
- Competent computer skills; experience with Microsoft Word and Excel
- Self-directed individual
- Strong assessment skills

Volunteer Time Commitment

- Pre-event training calls and pre-recorded training videos
- Set-Up Day (Optional but preferred)
- Minimum 2 full day commitment (Districts)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Scorekeeper Trainer: Jason Proulx

Training Sessions: All training sessions contain different content. Scorekeepers should plan to attend all webinars and review all training materials provided on the FRC Scorekeeper Box Folder.

Training Conference Calls: Please reference the [role description page](#) for specific dates, times, and call-in info for training calls.

*The [Scorekeeper Training](#) can be found online in Box.com and a link to the training folder will also be sent via email by the Trainer/*FIRST* HQ for those assigned by the deadline.

Reporting Relationships and Supervision

- Direct Guidance and Supervision: *FIRST* Technical Advisor
- On-Site Support: *FIRST* Technical Advisor and Volunteer Coordinator

Spare Parts Attendant

The Spare Parts Attendant for *FIRST* Robotics Competition manages the distribution and loaning of spare materials to teams.

Responsibilities

- Set up and breakdown of spare parts table and parts
- Populate distribution log, and ensure teams complete required paperwork
- Track parts exchanged and loaned, enforce exchange/loaner requirements and restrictions
- Work with the FTA and CSA to get approval to loan out specific parts
- Ability to work and interact with team students and mentors

Experience and Skills Needed

- *FIRST* experience preferred; knowledge of current season kit of parts is preferred
- Minimum age: 13
- Strong interpersonal/communication skills
- Strong organizational skills
- Self-directed individual
- Ability to work as a member of a team

Volunteer Time Commitment

- Minimum 1 full day commitment
- Preferred 2 full day commitment (Districts) or 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Training will be conducted on-site

Reporting Relationships and Supervision

- Direct Supervision: Pit Administration Supervisor
- On-Site Support: Volunteer Coordinator

Student Ambassador

Student Ambassadors for *FIRST* Robotics Competition work to share the *FIRST* experience with event attendees, invited guests, and VIPs. They educate and engage guests by discussing the build season, game challenge, and inspire the guests continued motivation, passion, and commitment to *FIRST*.

Responsibilities

- Conduct tours of the Pit
- Interact with teams and students
- Interface with invited guests
- Check-in at Information and Welcome table 15 minutes prior to the start of shift

Experience and Skills Needed

- Current students on *FIRST* teams are encouraged to apply for this role
- General knowledge of *FIRST* including:
 - Build season length and restrictions
 - Robot design & building materials
 - Fundraising/Sponsorship methods
 - Other *FIRST* programs
- Knowledge of current year *FIRST* game challenge including:
 - Scoring strategies & values
 - Game objectives
 - Robot build-restrictions
- Strong interpersonal and communication skills
- Self-directed individual
- Ability to move about the facility

Volunteer Time Commitment

- Can be divided among multiple volunteers for the duration of the event
- Time commitment varies by event

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

The Student Ambassador Coordinator conducts training and provides guidance during the competition.

Reporting Relationships and Supervision

- Direct Supervision: Student Ambassador Coordinator
- On-Site Support: Program Delivery Partner, Planning Committee Member, Volunteer Coordinator, and/or Student Ambassador Coordinator

Student Ambassador Coordinator

Student Ambassador Coordinators for *FIRST* Robotics Competition assist in facilitating the Ambassador Program and collaborate with Event Management to ensure that all attendees, especially Invited Guests, are welcomed and treated with *Gracious Professionalism*[®]. This position provides the opportunity to cultivate support for *FIRST* programs by showcasing students and teams directly as opposed to being seen at a distance.

Responsibilities

- Coordinate with Program Delivery Partner, Volunteer Coordinator, and/or Planning Committee Chair before an event to organize a meeting time and location for training ambassadors
- Work with Program Delivery Partner, Volunteer Coordinator, and/or Planning Committee Chair to generate a schedule for the ambassadors and a "tour route" based on daily activities, queuing, and Pit areas
- Act as a point of contact for those attending and those who have questions concerning the program
- Prepare and conduct the training for Ambassadors
- Explain program and distribute materials
- Participate in training with Ambassadors and demonstrate proper skills such as eye contact, speaking skills, and good posture
- Walk previously determined route with Ambassadors
- Serve as a Point of Contact for Student Ambassadors throughout the event
- Provide name tags/identifying marks to Ambassadors so that Event Volunteers can identify them easily
- Ensure enough Ambassadors are near the predetermined staging area to accommodate the ebb and flow of visitors to the event

Experience and Skills Needed

- Must be post-high school or equivalent
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Approachable and friendly personality
- Strong interpersonal/communication skills
- Strong logistics skills
- Strong organizational skills

Volunteer Time Commitment

- Training (half day commitment)
- Minimum 2 full day commitment

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Training will be conducted on site by the Program Delivery Partner, Volunteer Coordinator and/or Planning Committee Chair.

Reporting Relationships and Supervision

- Direct Supervision and On-Site Support: Program Delivery Partner, Volunteer Coordinator, and/or Planning Committee Chair

Volunteer Coordinator (VC)

The Volunteer Coordinator (VC) for *FIRST* Robotics Competition is a key volunteer position. Volunteer Coordinators, working with the Program Delivery Partner (PDP) and/or Planning Committee, are responsible for recruiting, assigning, and managing volunteers at their assigned *FIRST* event. As a leadership volunteer position, there is a significant level of responsibility.

The Volunteer Coordinator is submitted by the Planning Committee via the Program Delivery Partner. Once submitted, the individual must be approved through *FIRST* HQ and the Chief Volunteer Coordinators. Once approved the candidate will be contacted and assigned by *FIRST* HQ.

As a Volunteer Coordinator you agree to serve a role model for other volunteers by adhering to *FIRST* standards and following *FIRST* direction as noted in the policies and statements below:

- [FIRST Privacy Policy](#)
- [FIRST Youth Protection Policies](#)
- [FIRST Code of Conduct](#)
- [FIRST Core Values](#)

Responsibilities

- Complete *FIRST*'s Data Privacy and Protection training
 - Maintain confidentiality of volunteer personal information in compliance with the [FIRST Privacy Policy](#)
- Recruit and assign all volunteers in the *FIRST* Volunteer Management System by the deadlines set by *FIRST*
- Participate in all required Volunteer Coordinator training provided by *FIRST* HQ
- Read and review the Volunteer Coordinator files posted in the VC Box
- Attend Planning Committee Meetings (as applicable)
- Assist volunteers applying to the event, including Youth Protection Screening; Work with *FIRST* to resolve all registration issues
- Work with key volunteers on recruitment for their teams (Judge Advisor, Head Referee, Lead Robot Inspector, etc.)
- Inform key volunteers of dates for training and ensure they have completed their training and/or certification before the deadline set by *FIRST*
- Communicate with all volunteers (assigned and unassigned) pre-event, during the event, and post-event
- Work with Program Delivery Partner/Planning Committee to produce the volunteer page for the event program book, as applicable
- Order volunteer apparel and material through *FIRST* volunteer ordering site by the deadline set by *FIRST* - consult with local leadership before placing the order
- Prepare all needed volunteer materials prior to the event (photocopies, name badges, registration paperwork, consent & release forms, walk-on forms, et al)
- One to two weeks before the start of your event, communicate with your event manager regarding your volunteer meals/headcount and special invited guest event
- Communicate with the Event Manager and/or Program Delivery Partner about volunteer staffing concerns and/or issues
- Must attend the daily meeting(s) conducted by Event Manager

Experience and Skills Needed

- Prior experience as a *FIRST* volunteer is preferred, but not required
- Minimum age: 21
 - Exceptions may be granted by *FIRST* HQ
- Strong interpersonal and communication skills (written and oral)
- Proficient use of technology - email, navigation of websites, online forms, spreadsheets
- Ability to supervise, manage, and evaluate volunteers
- Ability to collaborate with others; work as a member of a team
- Attention to detail
- Physically active role, requires mobility

Volunteer Time Commitment

Pre-event Commitment

- September – December: Approx. 10 hours per week
- January – February: Approx. 15 hours per week
- March – April: Approx. 20 hours per week
- Pre-event training calls, emails, and slack updates

During Event Commitment

- Setup Day (half day commitment)
- Minimum 2 full day commitment (Districts)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Program Delivery Partner for detailed information on when you are expected to arrive.

Training

Training occurs throughout the year from *FIRST* HQ. Training will be provided via regularly scheduled conference calls, email blasts, webinars, and written material.

Reporting Relationships and Supervision

Volunteer Coordinators work in partnership with *FIRST* staff and Program Delivery Partners (PDPs) to deliver a high-quality event experience to teams. VCs collaborate closely with event staff, *FIRST* staff, and PDPs to ensure a successful event. VCs may also consult with the Co-Chief VCs or *FIRST* staff on aspects related to their role responsibilities.

Volunteer Room Assistant

The Volunteer Room Assistant for *FIRST* Robotics Competition assists the Volunteer Coordinator with volunteer check in and/or monitors the volunteer room.

Responsibilities

- Work with the Volunteer Coordinator to be trained in the process of checking in registered volunteers, assigning "walk-on" volunteers, issuing name badges, volunteer t-shirts, and other volunteer recognition items. Must be familiar with the [Walk-On Event Volunteer Policy](#)
- Establish that the volunteer registration process is set and organized prior to check-in
- Obtain all necessary forms and documents from the Volunteer Coordinator before the start of the event. This may be in the form of links or paper documents.
- If equipment will be used during the registration process, ensure equipment is in working order and secure/store equipment at the end of each day
- Greet and check in volunteers as they arrive at the event; ensure that all volunteers check-in daily before starting their volunteer duties (ideally before breakfast)
- Check for proper authorization for presence and upon entry into the volunteer room; i.e. volunteers wear a *FIRST* "Volunteer" shirt and volunteer name badge identifying their status
 - A counter may be used to get an accurate number of volunteers that eat in the facility.
- Gather all completed necessary paper forms from volunteers and work with the Volunteer Coordinator/Pit Administration Supervisor to send them back to *FIRST* HQ at the close of the event
- Break down registration table and equipment at the close of the event, and other duties as requested by the Volunteer Coordinator

Experience and Skills Needed

- *FIRST* experience not required
- Minimum age: 13
- An understanding of office technology, and the ability to utilize them is helpful (e.g., spreadsheets, printers, copiers)
- Self-directed individual
- Strong interpersonal, communication, and leadership skills
- Willingness to collaborate with others

Volunteer Time Commitment

- Can be divided among multiple volunteers for the duration of the event
- Preferred 2 full day commitment (Districts)
- Preferred 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Training will be provided by the Volunteer Coordinator on site.

Reporting Relationships and Supervision

- Direct Supervision and On-Site Support: Volunteer Coordinator

Webcast Operator

The Webcast Operator for *FIRST* Robotics Competition is a key volunteer role. The Webcast Operator controls the *FIRST* Webcast Unit at selected events, creating a live video stream for engagement outside the arena. This volunteer works under the direction of the *FIRST* Technical Advisor (FTA) to create an exciting, cohesive experience for web spectators, and create an archive for teams to re-live the event.

Responsibilities

- Wear safety glasses when in the arena
- Create exciting experience for online spectators
- Switch between available video feeds to create a cohesive, exciting story
- Follow direction from *FIRST* Robotics Competition Support to solve technical problems related to the equipment

Experience and Skills Needed

- *FIRST* experience not required, but preferred
- Must be post-high school
- Minimum age: 18
 - Exceptions may be granted by event Volunteer Coordinators after review and approval by the local Program Delivery Partner
- Basic knowledge of the competition game, rules of play, and flow of an event
- Work and interact with volunteers, team members and students, contracted and *FIRST* staff
- Basic technical skills (computer proficiency)
- Strong communication skills and an eye for detail
- Ability to collaborate with others, work as a member of a team
- Ability to stay focused and concentrated

Volunteer Time Commitment

- Pre-event training (2-3 hours online)
- Minimum 3 full day commitment (Regionals)

Note: Event schedules vary. Please check the event schedule and talk to your Volunteer Coordinator for detailed information on when you are expected to arrive. Volunteers should arrive on site 15-20 minutes prior to the start of every shift to allow time to check in at the Volunteer Registration table.

Training

Pre-event certification provided by *FIRST* HQ prior to the start of the competition season. This training will consist of a webinar with time for Q&A. Please reference the [role description page](#) for the updated dates, times, and call-in info.

*An invitation to join the Box.com folder will be sent via email by the Trainer/*FIRST* HQ

Reporting Relationships and Supervision

- Direct Supervision: *FIRST* Technical Advisor
- On-Site Support: Volunteer Coordinator

