

Chicago Robotics Invitational Judging Process Overview

-Judging at CRI will be very similar to judging at a FTC season event, with the only difference being the awards. There will be no Inspire award at CRI and the awards given will be unique to CRI. The goal of judging at CRI is to celebrate all of the hard work teams have put in throughout the season. Judges are aware that since awards are different from the traditional FTC awards, teams might not have content for all award categories.

-On Saturday morning, teams will have a formal interview with a panel of 2-3 judges in a classroom. Teams will have 5 uninterrupted minutes to present to the judges. Following the presentation, judges will ask teams questions for 5-10 minutes.

-On Saturday afternoon and Sunday, there be pit interviews where judges will ask teams additional follow-up questions

-Teams should submit an engineering portfolio that is does not exceed 15 pages plus a cover page. Team must submit an engineering portfolio to be eligible to win awards.

-Judges will only consider outreach completed in the 2022-2023 season

-At CRI, judges will be selecting a winner and runner-up for each award. Please note: in an effort to "spread the wealth" teams can only win one award.

| Team Name | Demonstrated | Not | Beginning | Developing | Accomplished | Exemplary | Comments |
|-----------|--------------|-----|-----------|------------|--------------|-----------|----------|
| Team #: | | | | | | | |

Outstanding Team Image

The Outstanding Team Image award recognizes the team with brand that is seen throughout all aspects of their team. The team's robot, uniform, and pit must have a visual image that is part of a cohesive theme.

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
|--|--|--|--|--|--|--|--|

Mechanism For Success

The Mechanism For Success award recognizes a team that created a unique solution to this season's challenge. For this award the robot should have a specific feature that is unique, well designed, and consistently works well. Examples of the feature could include a unique drive train, arm, or collector/manipulator.

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
|--|--|--|--|--|--|--|--|

The Golden Bean Award

The Golden Bean award recognizes a team who brought a robot with an iconic design to the Chicago Robotics Invitational. This award is looking at the overall form and function of the robot. Every aspect of the robot should be well thought out and cohesive. The robot should look clean and well-designed. The robot should also have a cable management system. The engineering portfolio should have documentation of the robots design process and should contain drawings (CAD or hand-drawn) of the robot along with descriptions of the robots features.

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
|--|--|--|--|--|--|--|--|

Amazing Accurate Autonomous Award

The Amazing Accurate Autonomous Award recognizes a team with a highly accurate autonomous routine. While the autonomous routine doesn't need to be the most complex or high scoring, it needs to consistently work just about every match. Teams must submit documentation in their engineering portfolio about their autonomous routine.

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
|--|--|--|--|--|--|--|--|

Smooth Operator Award

The Smooth Operator award recognizes a team that goes above and beyond with the control of their robot during tele-op. For this award teams should be able to drive their robot efficiently and score with ease. Teams should incorporate pre-programmed routines into tele-op and other advanced programming into their controls. Teams must submit documentation in their engineering portfolio of their controls. Code does not need to be submitted.

Gracious Professionalism Award

Gracious Professionalism is part of the ethos of FIRST. It's a way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community. With Gracious Professionalism, fierce competition and mutual gain are not separate notions. Gracious professionals learn and compete like crazy but treat one another with respect and kindness in the process. They avoid treating anyone like losers. No chest thumping tough talk, but no sticky-sweet platitudes either. Knowledge, competition, and empathy are comfortably blended.

In the long run, Gracious Professionalism is part of pursuing a meaningful life. One can add to society and enjoy the satisfaction of knowing one has acted with integrity and sensitivity."

This award celebrates teams who exhibit the spirit of gracious professionalism

At Your Service Award

The At Your Service award celebrates a teams non-STEM/non-FRIST related volunteering and community outreach. For this award teams should describe their FIRST-related outreach non-STEM/non-FRIST related volunteering and community outreach. Teams should provide documentation of their outreach within their engineering portfolio. Examples of outreach could include:

- Volunteering at a food pantry
- Cleaning up a park
- Food/clothing drives
- Planting trees

Bridge Builders Award

The Bridge Builders award is awarded to the team who best "builds a bridge" to connect the next generation of students to FIRST. For this award teams should describe their FIRST-related outreach

Teams should provide documentation of their outreach within their engineering portfolio. Examples of outreach could include:

- Starting new FIRST teams/programs
- Mentoring FLL and/or Jr. FLL teams
- Volunteering at FIRST events
- Robot demonstrations at community events or schools

Against All Odds Award

The Against All Odds award recognizes a team that overcame unforeseen obstacles throughout the season. Teams should describe any unforeseen obstacles that they faced and how they overcame them.