



2024 U.S. Open Robotics Championship Awards – Open Tournament

Honor Award
Amaze Award[#]
Build Award[#]
Design Award[#]
Innovate Award[#]
Skills Champion Award
Skills Finalist Award
Think Award[#]
Tournament Champions
Tournament Finalists

[#] - These awards will be presented toward the end of qualification matches.

Descriptions

Honor Award - This is the highest award presented in a CREATE Open tournament. The recipient of this award is a team that excels in all aspects of competitive robotics. On field performance, technical knowledge, interviews and interaction with all teams, fans and tournament officials will be taken into consideration in determining the winner of this award. The Honor Award is heavily weighted toward technical innovation, fair play and collaboration.

Amaze Award - The “Amaze” award will be presented to a team that has built a competition robot that clearly demonstrates overall quality. Solid mechanical design along with demonstrated robot strength, programming, robustness, performance and consistency are key attributes assessed for this award.

Bracket Buster - The “Bracket Buster” award will be given to the lowest seeded team to win in the first round. In the case of a tie the team that goes the furthest in its bracket will be awarded the bracket buster.

Build Award - The “Build” award will be given to a team that has built an impressive machine, with attention to features and safety. Judges will look for beautifully crafted and constructed robots that also show a clear dedication to safety and attention to detail. These robots will have a professional feel and quality look to them, with clear attention to quality in construction.

Design Award - The “Design” award is presented to a team that demonstrates an organized and professional approach to the design process, project management, time management and team organization. The winning team will be able to describe how they created and implemented an efficient and productive design process to effectively manage their time and resources to accomplish their project goals.

Key Criteria:

- 1) Engineering Notebook is a clear, complete document of the team’s design and build process
- 2) Team is able to explain their design and strategy throughout the season
- 3) Team demonstrates personnel, time and resource management throughout the season
- 4) Teamwork and interview quality

Energy Award - The “Energy” award will be decided based on team enthusiasm at the event. The winning team will demonstrate enthusiasm throughout the competition – in the pit area, on the field, in the audience, when their robot is playing and when it’s not. This award will be judged and decided by the volunteers and staff at the event.

Innovate Award - This award is given to the team with the most innovative solution to the current year's challenge. Innovation is judged at multiple levels: 1) Highest level - Building non-kit or predominantly non-kit based robots which address the challenge in an effective and innovative way, 2) Intermediate level - Introducing additional components, (structural parts, motors, controllers, sensors) to predominantly kit based robots in an effective and innovative way, and 3) Base level - Using kit based parts/equipment in an effective and innovative way. Custom built parts, effective performance and innovative design are key attributes assessed for this award.

Robot Skills Champion - Presented to the # 1 ranked team in the Open Robotics Competition. Combining both the Driver and Programming scores.

Robot Skills Finalist - Presented to the #2 ranked team in the Open Robotics Competition. Combining both the Driver and Programming scores.

Sportsmanship Award - The “Sportsmanship” award will be presented to a team that has earned the respect and admiration of the volunteers and other teams at the event. This team is a model for all to follow and interacts with everyone in a positive, respectful and polite manner. This award is judged during the event by teams,

referees and
volunteers.

Think Award - The “Think” award will be presented to a team that has successfully utilized autonomous programming modes during competition. Quality, consistency and success of autonomous programs as well as the ability of the students to explain the programming process will help to determine a winner of this award. This award may be judged by the referees, programming inspectors and/or members of the judge panel.

Tournament Champion - Presented to the winning alliance of the Open Robotics Competition tournament.

Tournament Finalists - Presented to the runner-up alliance of the Open Robotics Competition tournament.