

Judging Updates

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Covered Topics

Quick Overview - 2022/23 Season

Judge Certification

Guide to Judging Updates 2023/24 Season

Q & A Session

The Importance of Judging

Judging is an integral part of REC Foundation programs

- The Judging Process gives students an opportunity to:
 - practice written and verbal communication skills through the Team
 Interview and Engineering Notebook
 - demonstrate values of the REC Foundation <u>Code of Conduct</u> and <u>Student-Centered</u> policies
- Judged awards can qualify teams to higher levels of competition
- Judging recognizes and celebrates what teams have learned and validates
 the hard work they have put into the competition as an educational activity





Quick Overview - 2022/23 Season







Certification

Judges & Judge Advisors

- Judge Advisor Certification has been updated for the 2023-2024 season
- Judge Advisors are required, and all Judges are highly encouraged, to take the certification
- Overall, the goal of the certification is to facilitate greater consistency in the judging process across events



Q Search the REC Library

REC Library / Volunteers / Judging / Judge Advisor / Judge Training & Certification Course

Judge Advisor / Judge Training & Certification Course

All official REC Foundation events that qualify teams to a Championship event are required to have a Certified Judge Advisor, and all Judges are encouraged to use this certification course for training. If there is anything in the certification course that is in disagreement with the Official Game Manual, the Official Game Manual should be followed.

Need to reach us about a course or certification? Email us at volunteercerts@recf.org.

Unit 1: Judging Principles

Introduction

This course is designed to teach volunteer Judge Advisors and Judges the procedures and resources needed to judge team interviews and engineering notebooks at a competition, and to determine winners of Judged awards. Judge Advisors and Judges help provide a consistent experience for participants within and across local, regional, national, and World Championship events.

Judge Advisors are required to pass the certification exam at the end of this course before volunteering in that role at a qualifying event. Judges are encouraged to take this course, but it is not a requirement for that volunteer position.

Throughout this course, you will find links to external resources that include important information for Judges and Judge Advisors.



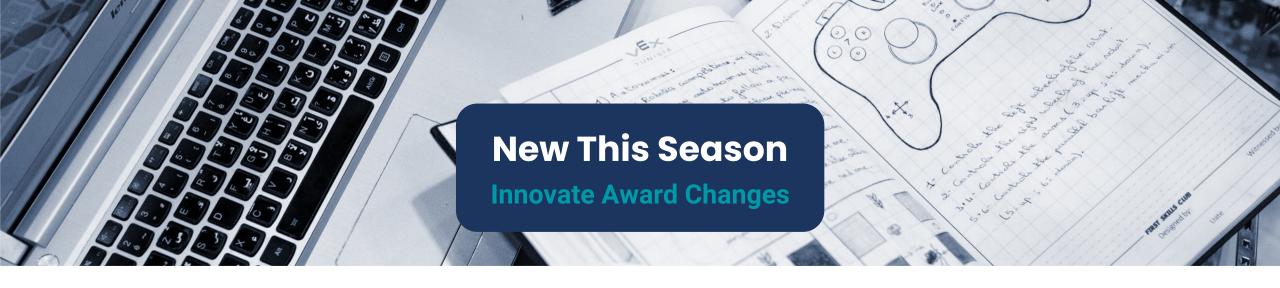
The Judges Award can now be given to **two different teams** at an event

New This Season

Second Judges Award

- The first Judges Award is a required award for any event that includes judged awards. The second is <u>optional</u>.
 - EPs of larger events may desire to include a second Judges Award to recognize an additional team
- The Judges award does not typically have a qualifying spot associated with it - this change should not have an impact on the qualifications beyond allowing judges to recognize an additional team at their event





The Innovate Award has been modified to be based on a specific aspect in a team's engineering notebook.

New Description: The *Innovate Award* recognizes an effective and well documented design process for a novel aspect of a team's design. The team should indicate to the judges where this aspect can be found in their Engineering Notebook. The team who earns the Innovate Award should be among the top contenders for the Design Award.



Innovate Award

Updated Criteria

New Key criteria of the Innovate Award are:

- In their notebook, teams identify a specific section or specific pages covering the origin and development of a design element, strategy, or other attribute that is a key part of their team's robot design or gameplay
- This design element, strategy, or other attribute is unique or uncommon among teams at the event
- The development of this design element, strategy, or other attribute is well-documented from initial conception through execution
- The Engineering Notebook demonstrates a clear, complete, and organized record of the robot design process





New Engineering Notebook Rubric Criteria

"Innovation / Originality"

CRITERIA	EXPERT (4-5 POINTS)	PROFICIENT (2-3 POINTS)	EMERGING (0-1 POINTS)
Innovation/ Originality	Team shows evidence of independent inquiry from the beginning stages of their design process	Teams show evidence of independent inquiry for some elements of their design process	Teams do not show evidence of independent inquiry / their design process

- Directly relates to Innovate Award
- Values teams organically creating their own engineering design solutions to play this season's game
- Rewards teams that show evidence of "start to finish" design process

Teams are asked to show "evidence of independent inquiry from the beginning stages of their design process" for Expert level





New This Season

Excellence Award Criteria Adjustments

Be ranked in the **top 30**% of teams at the conclusion of qualifying matches.

No longer a 10 team

Be ranked in the **top 30**%* of teams at the conclusion of the Robot Skills Challenges

Changed from 20%, no longer a 5 team minimum Be ranked in the **top 30**%* of Autonomous Coding Challenge rankings at the conclusion of the Robot Skills Challenges

This is a new criteria

*Teams that do not participate in the Skills Challenges are given a score of zero for ranking purposes

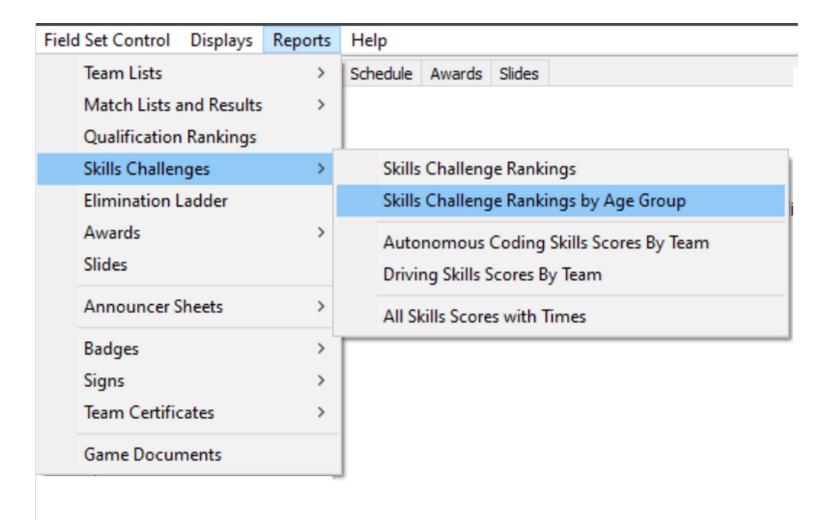




New This Season

New skills scores report(s)

- New Report in
 Tournament Manager to
 assist the Judging
 process for blended
 events
- Will likely be further developed to include 30% markers and separated skills rankings by grade level







New This Season

Excellence Award Checklist



To be used as a final check that an Excellence Award winner meets all criteria

Excellence Award Criteria Checklist

Please review the Excellence Award criteria in full. This checklist is a summary of the overall Excellence Award description. Teams must satisfy all requirements in order to be eligible for the Excellence Award. Teams that have not run skills are given a score of zero for ranking purposes. For events with a single Excellence Award, percentages are based on the number of teams at the event. For blended grade level events with two grade specific Excellence Awards, percentages should be based on the teams in each the grade level for each award.

- ☐ Team has exhibited a high-quality team interview and scored well on the Team Interview Rubric
- ☐ Team is in the top 30% of overall Skills Rankings based on the total number of teams at the event.
- □ Team is the top 30% of Autonomous Coding Skills Rankings
- □ Team is in the top 30% of Qualification Rankings based on the total number of teams at the event.
- □ Team has submitted a notebook that is ranked at or near the top of engineering notebook rankings, and is a strong candidate for the Design Award.
- Team has been nominated or ranked for multiple other judged awards at the event.
- ☐ Team exhibits positive team conduct, good sportsmanship, and professionalism.





JUDGING UPDATES

Next Scheduled Update

August 15th

Email

judging@recf.org

Official Judging Q & A

https://www.robotevents.com/judging/2023-2024/QA



Guide to Judging

2023-2024

FOR VIQRC, VRC, AND VEX U PROGRAMS







COMING UP NEXT



Coming Up Next

Schedule of Events

7/12/23	10:00 AM - 10:50 AM	Small Group Breakout Session 1	Breakout Rooms
7/12/23	11:00 AM - 11:50 AM	Small Group Breakout Session 2	Breakout Rooms
7/12/23	12:00 PM - 1:00 PM	Lunch	Kettering University Learning Commons
7/12/23	1:00 PM - 2:00 PM	Campus Tours	Kettering University
7/12/23	2:00 PM - 2:50 PM	Small Group Breakout Session 3	Breakout Rooms
7/12/23	3:00 PM - 3:50 PM	Small Group Breakout Session 4	Breakout Rooms
7/12/23	4:00 PM - 5:00 PM	Award Chart Discussion	Sunset Room
7/12/23	5:00 PM - 5:45 PM	Q and A / Hot Topics	Sunset Room
7/12/23	5:45 PM - 7:00 PM	Dinner / Networking	Kettering University Cafeteria

