Judging Updates

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Competition Judging Committee
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 Code of Conduct and Student-Centered 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

- Guide to Judging rewritten & reformatted for clarity & brevity
- Remote Judging process clarified & aligned to in-person judging
- New tools for judges
- Q&As from last season addressed
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
The Judges Award can now be given to **two different teams** at an event

- The first Judges Award is a required award for any event that includes judged awards. The second is **optional**.
  - 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.
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”

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

- 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 minimum*

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
<table>
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<tr>
<th>Date</th>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tr>
<td>7/12/23</td>
<td>10:00 AM - 10:50 AM</td>
<td>Small Group Breakout Session 1</td>
<td>Breakout Rooms</td>
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<tr>
<td>7/12/23</td>
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<td>Small Group Breakout Session 2</td>
<td>Breakout Rooms</td>
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<td>Lunch</td>
<td>Kettering University Learning Commons</td>
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<td>7/12/23</td>
<td>1:00 PM - 2:00 PM</td>
<td>Campus Tours</td>
<td>Kettering University</td>
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<td>Breakout Rooms</td>
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<td>Award Chart Discussion</td>
<td>Sunset Room</td>
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<tr>
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<td>Q and A / Hot Topics</td>
<td>Sunset Room</td>
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<td>5:45 PM - 7:00 PM</td>
<td>Dinner / Networking</td>
<td>Kettering University Cafeteria</td>
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THANK YOU

REC FOUNDATION
EVENT PARTNER
SUMMIT

2023