

Team Engineering Challenge – Timetable

SkillsUSA Wisconsin State Leadership and Skills
Conference 2026, Madison



Tuesday, April 7, 2026

| Time | Activity |
|--------------------|--|
| 2:45 PM | Arrive at the venue. Ensure no phones/devices/tools are taken inside. All phones/laptops/ devices/tools must be kept outside the venue, whether in a backpack or with the advisor/other trusted people. Participants must only possess scratch sheets of paper, pencils, pens, colored markers, crayons, etc. Some tools will be allowed to be taken inside the next day. |
| 3:00 – 3:30 | Explanation of the design problem and looking at the materials available. Participants can look at the materials available, but will not have access to them until the next day. Teams will receive the problem statement, along with specifications, minimum requirements, and qualification standards (bare minimum required to qualify for testing the next day, as well as thresholds for getting to 2 nd round of testing). |
| 3:30 – 5:30 | Work ONLY on paper, with pencils, pens, colored pens, etc., to demonstrate design ideas, show full and partial drawings of the designs, and annotate the designs. |
| 6:00 | Dismissal. Teams take their worksheets and design ideas with them to review overnight. |

Wednesday, April 8, 2026

| Time | Activity |
|----------------------|---|
| 7:45 AM | Arrive. Each table will have an identical bag of building materials and tools. |
| 8:00 – 11:00 | Build the product based on the design plans from Tuesday. |
| 8:00 – 11:00 | Design Interviews: Each team must briefly visit judges (5-10 mins) to explain their design through drawings ONLY . No built designs allowed in interview rooms. |
| 11:00 - 11:30 | Bag lunches at the venue. |

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| 11:30 AM – 2:30 PM | <p>Testing the built products, and 2nd round of interviews (high schools only) for those who qualify after initial testing.</p> <p>2nd round of testing for select teams, who qualify from the interviews and 1st round of testing.</p> <p>Returning the tools provided and disposing of non-reusable items.</p> |
| 2:30 - 3 PM | Contest ends. Tallying and announcement of results. |

REMEMBER:

- Bring pens/pencils/colored pens/crayons/scratch sheets of paper for your design work.
- Bring a resume of each team member.
- Items categorized as tools in your design packets must be returned without damage. Damaging any of the tools instantly disqualifies you from testing your build.
- Wear business casual and/or school/SkillsUSA clothing, and practice safety at all times.
- You are allowed to bring the following tools but it is not mandatory or even necessary:
 - Compass
 - Ruler/tape measure
 - Small pliers (large pliers will not be allowed)
- No other tools will be allowed, especially scissors, glue, or any power tools.
- Safety glasses will not be necessary, but feel free to bring them.
- SPECIAL NOTE: No form of glue can be used in the build as part of the design challenge. Use of any glue in your build will instantly disqualify you from the contest. This will be mentioned in the design packet as well, but is mentioned here in advance.



Abhimanyu (Abhi) Ghosh
*Associate Professor, Engineering &
 Technology Department*

ghosha@uwstout.edu

University of Wisconsin-Stout
 Wisconsin's Polytechnic University
<http://www.uwstout.edu>