

2025 ASCE Mid-America Student Symposium

1ST AND 2ND YEAR DESIGN

COMPETITION RULES

All requests for information and clarifications should be sent to:
nebraskasyposium.2025@outlook.com

OBJECTIVE

Teams will be given a design prompt and a variety of materials to use. The intention of this competition is to build engineering efficacy in first and second year students through a controlled design and testing environment. As the competition is open ended and a mystery beforehand, no prior knowledge of CAD or engineering principles will be required. Teams will be given one hour to prepare and craft their design. The teams will be evaluated on the basis of the results of product testing, material use, and questions from judges.

COMPETITION RULES

- Maximum of two teams per school. Each team must consist of a minimum of three students and a maximum of five students.
- Participants are to be in their first or second year of engineering study. Upperclassmen (third years and beyond) are not allowed to participate.
- Team members are not permitted to solicit help from non-participants during the competition.
- All teams will receive the same prompt and supplies at the same time.
- All materials will be provided; team may not bring their own supplies.
- The use of the Internet or CAD/modeling software will not be permitted.

SCORING

A panel of judges with design expertise will determine the team rankings based on testing and use of materials. A detailed rubric will be provided to each team at the time of the competition.

