



# 2025 ASCE Student Symposium

Thursday, April 10, 2025 – Saturday, April 12, 2025

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## Design Challenge

Teams of up to four students will incorporate aspects of site design/hydrology and transportation to complete a design challenge. Students will be provided with a topographic map (AutoCAD file) and design requirements and restrictions. They will be asked to provide a conceptual design which satisfies the requirements of the prompt (as a CAD file) and present the file to a panel of judges for their review.

### Design

Teams will have 90 minutes to create a conceptual design and an AutoCAD file communicating that design. Successful designs will include information about site layout, transportation, and stormwater management.

### Presentation

Teams will have a maximum of 5 minutes to present their design with an additional 5 minutes for questions from the judges.

### Use of Materials

- Teams will be provided with an AutoCAD file at the start of the challenge
- Teams can utilize any available online resources except for generative AI tools
- Students are asked to bring their own laptop computers and charging cables for the event

\*\* Please submit any questions regarding these rules to: [ascesympoosium@clermson.edu](mailto:ascesympoosium@clermson.edu) \*\*





## 2025 Design Challenge Scoring Summary Sheet

Contestant(s): \_\_\_\_\_

School: \_\_\_\_\_

Design Challenge Scoring Sheet	Score
Transportation Efficiency (30 pts)	/30
Stormwater Management (30 pts)	/30
AutoCAD file/Presentation (10 pts)	/10
Innovation (30 pts)	/30
<b>Overall Score</b>	<b>/100</b>

