



Twenty-Third Annual Undergraduate Seismic Design Competition (SDC)



Presentation Requirements

Each team is required to give an oral presentation no longer than ten minutes to a panel of judges at the scheduled time for the team. Judges will have up to five minutes to ask questions following the presentation. The presentations will be open to the public.

Teams must follow the instructions and guidelines for the presentation described below.

1. Logistics

A projector and laptop running a current version of Microsoft Windows and Microsoft PowerPoint will be provided. Teams are responsible for software compatibility. Presentation files must be uploaded by a team member in the on-site Speaker Ready Room (room F149) by 6:00 PM on Tuesday, July 14th. . Presentation editing will not be allowed after submission.

Teams may verify software compatibility while uploading in the Speaker Ready Room.

All architectural visuals shown in the presentation must comply with the Generative AI policy outlined in the Official Rules and Architectural Requirements document.

Note: All slides must feature legible graphics and visuals readable from a distance

2. Required Presentation Content

- School name and building name on the title slide
- Design intent
- Description of the structural system
- Architectural approach and design
- Architectural requirements
- Architectural considerations
- Geotechnical considerations including seismic site class
- Justification of ground motions chosen
- Analysis methods and results
- Performance predictions
- Damping devices (optional)
- Structural design innovation (optional)

3. Penalties

For more information, please see the presentation judging rubric below. Any team that does not present at the scheduled time will have 100 added to V (Section 4.4).

Any team that does not submit their final presentation via Google Form by the deadline will have 10 added to V (Section 4.4).

Presentation Evaluation Matrix

The following matrix summarizes the evaluation criteria for student reference. Judges will use a detailed scoring rubric during the presentation session.

Criterion	Meets Standard	Does Not Meet Standard
1 STRUCTURAL SYSTEM CONCEPT		
Structural System Concept	Ideal system for seismic resistance. Structural system works very well with other building components.	Inappropriate system for seismic applications. Structural system would not work with building concepts.
2 GEOTECHNICAL CONSIDERATIONS		
Geotechnical Considerations	A reasonable site class is stated with convincing reasoning. Detailed information about the geological conditions or history of the site.	Site class not stated or unreasonably wrong. No or very little information about the geological conditions or history of the site.
3 ARCHITECTURAL APPROACH		
Architectural Approach	Excellent architectural approach, well-reasoned decisions, strong visuals, and clear verbal justification.	Architectural approach is not adequately addressed. Architectural decisions were not defended. Poor visual quality.
4 ARCHITECTURAL REQUIREMENTS		
Architectural Requirements	Architectural productions fully follow the requirements set in the Architectural Requirements document.	Architectural productions do not follow the requirements set in the Architectural Requirements document.
5 ARCHITECTURAL CONSIDERATIONS		
Architectural Considerations	Architectural productions fully address the considerations set in the Architectural Requirements document.	Architectural productions do not address the considerations set in the Architectural Requirements document.
6 GROUND MOTION SELECTION		
Ground Motion Selection	Excellent explanation of ground motion selection. Shows excellent understanding of the ground motion selection.	Poor or no explanation of ground motion selection. Unreasonable selection of ground motions.
7 ANALYSIS METHOD		

Analysis Method	Excellent explanation of analysis method. Shows excellent understanding of the structural system. Exceptional predictions.	Poor or no explanation of analysis method. Shows poor or no understanding of structural systems. Unreasonable predictions.
8 CLARITY AND ORGANIZATION		
Clarity and Organization	Excellent logical organization. Excellent use of slides. Design concept clearly understood.	No logical organization. Poor use of slides. Design concept not understood.
9 COMMUNICATION SKILLS		
Communication Skills	Maintains eye contact throughout the presentation. Audience is consistently engaged and interested. Understands and answers questions thoroughly.	No eye contact with audience or reads entirely from slides. Audience disengaged. Unable to answer questions.

This document must be read in conjunction with the Official Rules, Design Guide, Architectural Requirements, and Poster Requirements. For any questions, please reach out via email or the dedicated SDC Discord channel.