



GSU ENGINEERING DESIGN CHALLENGE 2018



POSTER PRESENTATION RUBRIC

This rubric is designed to help teams prepare for the Poster Presentation at the GSU Engineering Design Challenge.

- The maximum poster size is 36" x 48".
- The poster must be free standing.
- The presentation should show the team members' understanding of the build they completed and the related engineering concepts.

While preparing your presentation, here are some points and questions to think about:

1. What was the biggest frustration you had during this project, and what did you learn from it?
2. Who did what on your team and why? What skills did the team have, and what skills had to be developed?
3. Were there any unexpected costs that you did not account for during your budget planning?
4. What equations did you use in your design?
5. What engineering concepts did you learn as you designed this vehicle?
6. What assumptions did you have to make, based on the data and time that you had available for planning?
7. Why was the engineering journal such an important part of the project?
8. What would you do differently, if you made this again?
9. If you were designing this for production, what would be your next step?
10. What part of this project did you enjoy the most?

Each team will have 3-5 minutes to answer 1-3 of these questions (asked by the judges).



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Below is a sample score sheet the judges will use to evaluate the presentation.

Poster Presentation Evaluation	Weights	Scores
Overall Appearance	20%	
<i>Text/graphics balance, text explains what is represented in the graphics, school/team identification, poster size, font size, use of colors. A professional technical poster.</i>		
Organization	25%	
<i>Objectives, main points, summary, conclusions clearly defined with appropriate headings. The poster is organized and easy to read.</i>		
Overall Design	15%	
<i>Understand their design and are able to demonstrate their design and understanding</i>		
Engineering Design Explanation	15%	
<i>Understand the engineering, mathematical, physics concepts behind their design and are able to clearly explain these</i>		
Professional & Interpersonal Behavior	10%	
<i>Display professionalism in all areas - respect, integrity, responsibility, punctuality, flexibility, initiative, commitment, enthusiasm and appearance</i>		
Question & Answer	15%	
<i>Handle questions well, demonstrate knowledge of concepts, inquire thoughtful questions of the judges</i>		
Total	100%	

Each category will be graded using the following scale:

Grade each category on a scale of 0-4	
none observed / poor	0
fair	1
good	2
very good	3
excellent	4

Last updated on February 2, 2018