

DESIGN EXPO - JUDGE'S FORM

Team Name: _____ Project Title: _____

Project Number: _____ Name of Judge: _____ Section: _____

The criteria for review of projects are listed below. On a scale of 1 to 10, please circle the appropriate value based on how effectively the team has met the criteria. Please consider scores carefully, as final awards will be based on the total scores for each team. In the case of a tie, the final decision will be left to the judges' discretion. Thank you again for your participation. Please visit projects according to your schedule.

1) Originality

	Least									Most
A) How creative and original is the design?	1	2	3	4	5	6	7	8	9	10
B) If components are purchased, are they used in a creative and original way?	1	2	3	4	5	6	7	8	9	10

Comments

2) Craftsmanship

A) Quality of construction	1	2	3	4	5	6	7	8	9	10
B) Aesthetic value of finished project	1	2	3	4	5	6	7	8	9	10

Comments

3) Understanding

A) Does the group have a basic understanding of the general engineering and basic science that their project incorporates?	1	2	3	4	5	6	7	8	9	10
B) How knowledgeable are all the group members about their specific project?	1	2	3	4	5	6	7	8	9	10
C) Does the team understand the design loop (e.g., need, concept, evaluate, build, test, repeat)?	1	2	3	4	5	6	7	8	9	10

Comments

4) Effectiveness

A) Are the design goals clear?	1	2	3	4	5	6	7	8	9	10
B) Does the project meet its design goals?	1	2	3	4	5	6	7	8	9	10
C) Is it functional?	1	2	3	4	5	6	7	8	9	10

Comments

5) Complexity

A) Overall complexity of project	1	2	3	4	5	6	7	8	9	10
B) Should the project have been more complex (e.g., safe vs. ambitious project)?	1	2	3	4	5	6	7	8	9	10

Comments

6) Communication

A) Do the group members present the project in an understandable way?	1	2	3	4	5	6	7	8	9	10
B) Does the team present themselves professionally (e.g., appropriate attire and level of communication)?	1	2	3	4	5	6	7	8	9	10
C) Is the poster self-explanatory?	1	2	3	4	5	6	7	8	9	10
D) Aesthetic value of poster?	1	2	3	4	5	6	7	8	9	10

Comments

Total Score: _____ 160 max