

OUTSTANDING DEPARTMENT AWARD

2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Department: _____

Displays

Overall Department Effectiveness	_____ / 110
Curriculum and Careers Display	_____ / 105
Interactive	_____ / 85
Innovation	_____ / 160
Technical	_____ / 132
Children's Display	_____ / 75
Yellow Brick Award	_____ / 150

Open House Reports

<i>Meeting Attendance</i>	_____ / 10
<i>Project Proposal Report</i>	_____ / 10
<i>Room Request Information & Layout Report</i>	_____ / 10
<i>Department Report</i>	_____ / 10
<i>Display Information</i>	_____ / 10
<i>Progress Report</i>	_____ / 10
<i>Script for Friday's Performance</i>	_____ / 10
<i>Preliminary Financial Report</i>	_____ / 10
<i>Final Display Report</i>	_____ / 10
<i>Final Layout and Route Report</i>	_____ / 10
<i>Department Display Award</i>	_____ / 10
<i>Financial Report</i>	_____ / 10

Outstanding Department Award Total _____ / 937

OVERALL DEPARTMENT EFFECTIVENESS
2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Department: _____ Judge: _____

Quality of Verbal Explanations

1. Quality of presentations (friendly, audible, enthusiastic) _____ / 10
2. Professionalism and preparedness of all presenters _____ / 10

Quality of Visual Presentations

3. How well visual displays help communicate department theme _____ / 10
4. Aesthetic appeal of displays (professional, clean, organized) _____ / 10

Public Awareness

5. How well the displays represent department's field of engineering and engineering in general _____ / 10
6. How well the displays educate people of all ages and backgrounds _____ / 10

Communication of Theme

7. How well displays relate to "Engineered to Inspire" _____ / 10
8. How cohesively and creatively displays relate to each other _____ / 10

Department Entrance/Route

9. Designed route through room (clear, people don't get lost) _____ / 10
10. How well entrance relates to theme of Open House _____ / 10
11. How welcoming entrance and department is (inviting, intriguing, creative) _____ / 10

Overall Department Effectiveness Total _____ / **110**

YELLOW BRICK AWARD
2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Department: _____ Judge: _____

Atrium Display

- 1. Display noticeably contains department name and theme _____ / 10
- 2. Creativity and originality of display _____ / 10
- 3. Imaginatively uses department theme _____ / 10
- 4. Draws attention to department _____ / 10
Makes visitors want to visit the other departmental displays
- 5. Overall quality of display _____ / 10

Performance

- 6. Imaginatively incorporates departmental theme _____ / 10
- 7. Performance ability of members _____ / 10
Ex: members do not rely on notes, spirit and enthusiasm, body language.
- 8. Interesting, creative, and entertaining _____ / 20
- 9. Creativity and quality of props _____ / 10
- 10. Educates audience about department _____ / 10
- 11. Performance must be between 2 and 4 minutes (all or nothing) _____ / 10
- 12. 15 or more participants (all or nothing) _____ / 10
*Must be from own department****
- 13. *Script for Friday's Performance was submitted on time* _____ / 10
- 14. *Attended skit rehearsal* _____ / 10
This will help ensure that departments are on schedule to perform and that the performances are well thought-out.

Yellow Brick Award Total _____ / 150

INNOVATION DISPLAY
2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Department: _____

Judge: _____

Quality of Verbal Explanation

1. Ability to communicate material clearly and concisely _____ / 10
Display explained adequately without using it as a crutch; no use of jargon without explanations
2. Explains how idea is innovative _____ / 5
Clearly establishes how idea is unique from existing ideas/designs
3. Within time limit (all or nothing) _____ / 5
Verbal explanation is between 3 and 6 minutes (does not include answering questions)
4. Ability to effectively answer questions _____ / 5
Answers are clear and concise, showing the presenter's knowledge on the material
5. Overall quality of presentation _____ / 10
Good eye contact, enthusiasm, audibility, good/not overwhelming hand gestures, ability to gauge audience and relate

Quality of Visual Presentation

6. Communication of idea _____ / 10
Does display summarize important points, have a good use of diagrams/visuals, support verbal explanation
7. Aesthetic appeal of display _____ / 10
Professionally done, easy to follow, good use of space, readable, creative
8. How well display educates people of all backgrounds _____ / 10
9. How well display represents specific field of engineering _____ / 5
Does display represent department well, educate others about specific field, emphasis on how specific field impacts society

Required Components Shown on Display

10. Define the problem (all or nothing) _____ / 3
11. Identify the need for a solution to the problem (all or nothing) _____ / 3
12. Identify criteria and constraints (all or nothing) _____ / 3
13. Identify alternative solutions (all or nothing) _____ / 3
14. Final solution (all or nothing) _____ / 3
15. How the solution is innovative (all or nothing) _____ / 3

Originality and Imagination

16. How well display or verbal presentation relates to "Engineered to Inspire" _____ / 5
How can your idea inspire others; how were you inspired; or other reasonable interpretations of the theme
17. Incorporation of visuals, props, or other supporting material (does not include material on display) _____ / 10
Supporting material must add to the understanding of the display and presentation
18. Overall impression of display _____ / 10

INNOVATION DISPLAY
2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Project Summary

The project summary must be made available at the display. Shown below are the required components for the project summary. The required components for the project summary are the same as the required components for the display. The difference is the components for the project summary will be judged on quality. The quality of the summaries will be based on thoroughness, ability to clearly communicate ideas, and ability to support ideas. The project summary must be less than or equal to four pages, 12-point or larger font, and one inch or larger margins.

Required Components

- | | |
|---|-----------|
| 19. Define the problem | _____ / 5 |
| 20. Identify the need for a solution to the problem | _____ / 5 |
| 21. Identify criteria and constraints | _____ / 5 |
| 22. Identify alternative solutions | _____ / 5 |
| 23. Final solution | _____ / 5 |
| <i>Why was solution chosen over alternative solutions?</i> | |
| 24. How the solution is innovative | _____ / 5 |
| 25. Description of the patent process | _____ / 5 |
| <i>What does it take to get an idea patented? If applicable, relate the patent process to the idea.</i> | |
| 26. Conclusion | _____ / 5 |

Additional Judging Criteria

- | | |
|---|-----------|
| 27. Follows format: less than or equal to four pages, 12-point (all or nothing) | _____ / 5 |
| 28. Grammar | _____ / 2 |

Innovation Display Total _____ / 160

CURRICULUM CAREERS DISPLAY
2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Department: _____

Judge: _____

Quality of Visual Presentation

1. Does display list curriculum for new students and give major options _____ / 5
2. Does display describe what professionals in that field do _____ / 5
3. Does display show activities that you can be involved in within the department _____ / 5
4. Do diagrams add to the display _____ / 5
5. Does display provide an overview of the department _____ / 5
6. Is display: readable, professionally done, neat, informative _____ / 10

Quality of Verbal Presentation

7. Is there a knowledgeable, cheerful, enthusiastic presenter _____ / 5
8. Can students adequately answer questions about department _____ / 10

Originality and Imagination

9. Does the display draw people in _____ / 5
10. Does the display interest you (as much as it can) _____ / 5
11. Are there extra elements that potential students find interesting _____ / 5

Underclassman Involvement

12. Display was made by a freshman or sophomore (all or nothing) _____ / 15
13. Presentation was done by a freshman or sophomore (all or nothing) _____ / 15
14. Overall Impression of Display _____ / 10

Curriculum and Careers Display Total _____ / 105

INTERACTIVE DISPLAY
2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Department: _____ Judge: _____

Interactive Portion

1. Interaction is engaging _____ / 10
Fun, attracts and keeps audience's attention, etc.
2. Informative _____ / 10
Audience learns about the department
3. Interaction enhances the understanding of the concept _____ / 10
4. Appropriate for all ages _____ / 5
5. Relates to departmental theme _____ / 5
6. Creativity _____ / 10
Uniqueness of display and ability to "wow" audience

Quality of Verbal Presentation

7. Connects relationship between the interaction and what the department does _____ / 10
8. Presenter demonstrates good public speaking skills _____ / 5
Cheerful expression, good tone, eye contact, appropriate body language, etc.
9. Presenter's instructions are clear _____ / 10
10. Presenter demonstrates the interactive portion to the audience (all or nothing) _____ / 5

Visual Presentation (all or nothing)

11. A visual is provided to supplement the verbal presentation and/or interaction _____ / 5

Interactive Display Total _____ / **85**

TECHNICAL DISPLAY
2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Department: _____ Judge: _____

Quality of Verbal Explanation

1. Ability to communicate material clearly and concisely _____ / 10
Display explained adequately without using it as a crutch; no use of jargon without explanations
2. Within time limit (all or nothing) _____ / 5
Verbal explanation is between 3 and 6 minutes (does not include answering questions)
3. Ability to effectively answer questions _____ / 5
Answers are clear and concise, showing the presenter's knowledge on the material
4. Overall quality of presentation _____ / 10
Good eye contact, enthusiasm, audibility, good/not overwhelming hand gestures, ability to gauge audience and relate

Quality of Visual Presentation

5. Communication of idea _____ / 10
Does display summarize important points, have a good use of diagrams/visuals, support verbal explanation
6. Aesthetic appeal of display _____ / 10
Professionally done, easy to follow, good use of space, readable, creative
7. How well display educates people of all ages and backgrounds _____ / 10
General knowledge and specifics, people of all backgrounds can learn from display and relate to it
8. How well display represents specific field of engineering _____ / 5
Does display represent department well, educate others about specific field, emphasizes on how specific field impacts society

Required Components Shown on Display

9. Objective or problem statement (all or nothing) _____ / 3
10. Identify the need for a solution to the problem (all or nothing) _____ / 3
If the project is research, show why research is necessary/important.
11. Identify criteria and constraints (all or nothing) _____ / 3
12. Research or alternative solutions found (all or nothing) _____ / 3
13. Results or final solution (all or nothing) _____ / 3

Originality and Imagination

14. How well display or verbal presentation relates to "Engineered to Inspire" _____ / 5
How can your project inspire others; how were you inspired; or other reasonable interpretations of the theme
15. Overall impression of display _____ / 10

TECHNICAL DISPLAY
2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Project Summary

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Required Components

- | | |
|--|-----------|
| 16. Objective or problem statement | _____ / 5 |
| 17. Identify the need for a solution to the problem | _____ / 5 |
| <i>If the project is research, show why research is necessary/important.</i> | |
| 18. Identify criteria and constraints | _____ / 5 |
| 19. Research or alternative solutions found | _____ / 5 |
| 20. Results or final solution | _____ / 5 |
| 21. Conclusion | _____ / 5 |

Additional Judging Criteria

- | | |
|---|-----------|
| 22. Follows format: less than or equal to four pages, 12-point (all or nothing) | _____ / 5 |
| 23. Grammar | _____ / 2 |

Technical Display Total	_____ / 132
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TECHNICAL DISPLAY (ADVISORY BOARD)

2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Department: _____ Judge: _____

Quality of Verbal Explanation

1. Ability to communicate material clearly and concisely _____ / 10
Display explained adequately without using it as a crutch; no use of jargon without explanations
2. Ability to effectively answer questions _____ / 5
Answers are clear and concise, showing the presenter's knowledge on the material
3. Overall quality of presentation _____ / 10
Good eye contact, enthusiasm, audibility, good/not overwhelming hand gestures, ability to gauge audience and relate

Quality of Visual Presentation

4. Communication of idea _____ / 10
Does display summarize important points, have a good use of diagrams/visuals, support verbal explanation
5. Aesthetic appeal of display _____ / 10
Professionally done, easy to follow, good use of space, readable, creative

Originality and Imagination

6. How well display or verbal presentation relates to "Engineered to Inspire" _____ / 5
How can your project inspire others; how were you inspired; or other reasonable interpretations of the theme

Project Summary

7. Project Summary communicates ideas clearly and effectively _____ / 10

Comments:

GRADUATE STUDENT DISPLAY
2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Department: _____ **Judge:** _____

Quality of Verbal Explanation

1. Ability to communicate material clearly and concisely _____ / 10
Display explained adequately without using it as a crutch; no use of jargon without explanations
2. Within time limit (all or nothing) _____ / 5
Verbal explanation is between 3 and 6 minutes (does not include answering questions)
3. Ability to effectively answer questions _____ / 5
Answers are clear and concise, showing the presenter's knowledge on the material
4. Overall quality of presentation _____ / 10
Good eye contact, enthusiasm, audibility, good/not overwhelming hand gestures, ability to gauge audience and relate

Quality of Visual Presentation

5. Communication of idea _____ / 10
Does display summarize important points, have a good use of diagrams/visuals, support verbal explanation
6. Aesthetic appeal of display _____ / 10
Professionally done, easy to follow, good use of space, readable, creative
7. How well display educates people of all ages and backgrounds _____ / 10
General knowledge and specifics, people of all backgrounds can learn from display and relate to it

Required Components Shown on Display

8. Objective or problem statement (all or nothing) _____ / 3
9. Identify the need for a solution to the problem (all or nothing) _____ / 3
If the project is research, show why research is necessary/important.
10. Identify criteria and constraints (all or nothing) _____ / 3
11. Research or alternative solutions found (all or nothing) _____ / 3
12. Results or final solution (all or nothing) _____ / 3
13. Overall impression of display _____ / 5

GRADUATE STUDENT DISPLAY
2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Project Summary

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Required Components

14. Objective or problem statement _____ / 5

15. Identify the need for a solution to the problem _____ / 5

If the project is research, show why research is necessary/important.

16. Identify criteria and constraints _____ / 5

17. Research or alternative solutions found _____ / 5

18. Results or final solution _____ / 5

19. Conclusion _____ / 5

Additional Judging Criteria

20. Follows format: less than or equal to four pages, 12-point (all or nothing) _____ / 5

21. Grammar _____ / 2

Graduate Student Display Total _____ / 117

CHILDREN'S DISPLAY

2017 OPEN HOUSE: "ENGINEERED TO INSPIRE"

Please note: the display must consider children as its primary audience, but it can relate to many age groups

Department: _____ **Judge:** _____

Quality of Verbal Presentation

1. Does the presenter relate to kids and engage them _____ / 15

2. Do kids learn something about engineering from the presenter _____ / 5

Quality of Visual Presentation

3. Does the display appeal to kids _____ / 10

4. Is the display creative and fun _____ / 10

5. Does the display tie into the department's theme _____ / 5

Interactivity

6. Can kids interact with the display _____ / 10

7. Is the interaction educational and interesting to kids _____ / 10

8. Is the interaction positive (safe, not embarrassing, fun) _____ / 10

Children's Display Total _____ / 75