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

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

Outstanding Department Award Total / 937
# Overall Department Effectiveness

**2017 Open House: "Engineered to Inspire"**

Department: ________________________________    Judge: ________________________________

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
<th>Score / 10</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quality of Verbal Explanations</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Quality of presentations (friendly, audible, enthusiastic)</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Professionalism and preparedness of all presenters</td>
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<tr>
<td><strong>Quality of Visual Presentations</strong></td>
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<tr>
<td>3.</td>
<td>How well visual displays help communicate department theme</td>
<td></td>
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<tr>
<td>4.</td>
<td>Aesthetic appeal of displays (professional, clean, organized)</td>
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<tr>
<td><strong>Public Awareness</strong></td>
<td></td>
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<tr>
<td>5.</td>
<td>How well the displays represent department's field of engineering and engineering in general</td>
<td></td>
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<tr>
<td>6.</td>
<td>How well the displays educate people of all ages and backgrounds</td>
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<tr>
<td><strong>Communication of Theme</strong></td>
<td></td>
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<tr>
<td>7.</td>
<td>How well displays relate to “Engineered to Inspire”</td>
<td></td>
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<tr>
<td>8.</td>
<td>How cohesively and creatively displays relate to each other</td>
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<tr>
<td><strong>Department Entrance/Route</strong></td>
<td></td>
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<tr>
<td>9.</td>
<td>Designed route through room (clear, people don’t get lost)</td>
<td></td>
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<tr>
<td>10.</td>
<td>How well entrance relates to theme of Open House</td>
<td></td>
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<tr>
<td>11.</td>
<td>How welcoming entrance and department is (inviting, intriguing, creative)</td>
<td></td>
</tr>
<tr>
<td><strong>Overall Department Effectiveness Total</strong></td>
<td></td>
<td>______ / 110</td>
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</tbody>
</table>
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
Quality of Verbal Explanation

1. Ability to communicate material clearly and concisely  
   Display explained adequately without using it as a crutch; no use of jargon without explanations  
   ________ / 10

2. Explains how idea is innovative  
   Clearly establishes how idea is unique from existing ideas/designs  
   ________ / 5

3. Within time limit (all or nothing)  
   Verbal explanation is between 3 and 6 minutes (does not include answering questions)  
   ________ / 5

4. Ability to effectively answer questions  
   Answers are clear and concise, showing the presenter's knowledge on the material  
   ________ / 5

5. Overall quality of presentation  
   Good eye contact, enthusiasm, audibility, good/not overwhelming hand gestures, ability to gauge audience and relate  
   ________ / 10

Quality of Visual Presentation

6. Communication of idea  
   Does display summarize important points, have a good use of diagrams/visuals, support verbal explanation  
   ________ / 10

7. Aesthetic appeal of display  
   Professionally done, easy to follow, good use of space, readable, creative  
   ________ / 10

8. How well display educates people of all backgrounds  
   ________ / 10

9. How well display represents specific field of engineering  
   Does display represent department well, educate others about specific, emphasis on how specific field impacts society  
   ________ / 5

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”  
    How can your idea inspire others; how were you inspired; or other reasonable interpretations of the theme  
    ________ / 5

17. Incorporation of visuals, props, or other supporting material (does not include material on display)  
    Supporting material must add to the understanding of the display and presentation  
    ________ / 10

18. Overall impression of display  
    ________ / 10
**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**

<table>
<thead>
<tr>
<th>Component</th>
<th>Score / 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>19. Define the problem</td>
<td></td>
</tr>
<tr>
<td>20. Identify the need for a solution to the problem</td>
<td></td>
</tr>
<tr>
<td>21. Identify criteria and constraints</td>
<td></td>
</tr>
<tr>
<td>22. Identify alternative solutions</td>
<td></td>
</tr>
<tr>
<td>23. Final solution</td>
<td></td>
</tr>
</tbody>
</table>

**Why was solution chosen over alternative solutions?**

<table>
<thead>
<tr>
<th>Component</th>
<th>Score / 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>24. How the solution is innovative</td>
<td></td>
</tr>
<tr>
<td>25. Description of the patent process</td>
<td></td>
</tr>
</tbody>
</table>

**What does it take to get an idea patented? If applicable, relate the patent process to the idea.**

<table>
<thead>
<tr>
<th>Component</th>
<th>Score / 5</th>
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</thead>
<tbody>
<tr>
<td>26. Conclusion</td>
<td></td>
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</tbody>
</table>

**Additional Judging Criteria**

<table>
<thead>
<tr>
<th>Component</th>
<th>Score / 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>27. Follows format: less than or equal to four pages, 12-point (all or nothing)</td>
<td></td>
</tr>
<tr>
<td>28. Grammar</td>
<td></td>
</tr>
</tbody>
</table>

**Innovation Display Total**

<table>
<thead>
<tr>
<th>Score / 160</th>
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</thead>
</table>
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
   
   Fun, attracts and keeps audience’s attention, etc.

   ______ / 10

2. Informative
   
   Audience learns about the department

   ______ / 10

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
   Display explained adequately without using it as a crutch; no use of jargon without explanations
   _____ / 10

2. Within time limit (all or nothing)
   Verbal explanation is between 3 and 6 minutes (does not include answering questions)
   _____ / 5

3. Ability to effectively answer questions
   Answers are clear and concise, showing the presenter's knowledge on the material
   _____ / 5

4. Overall quality of presentation
   Good eye contact, enthusiasm, audibility, good/not overwhelming hand gestures, ability to gauge audience and relate
   _____ / 10

Quality of Visual Presentation
5. Communication of idea
   Does display summarize important points, have a good use of diagrams/visuals, support verbal explanation
   _____ / 10

6. Aesthetic appeal of display
   Professionally done, easy to follow, good use of space, readable, creative
   _____ / 10

7. How well display educates people of all ages and backgrounds
   General knowledge and specifics, people of all backgrounds can learn from display and relate to it
   _____ / 10

8. How well display represents specific field of engineering
   Does display represent department well, educate others about specific field, emphasizes on how specific field impacts society
   _____ / 5

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)
    If the project is research, show why research is necessary/important.
    _____ / 3

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”
   How can your project inspire others; how were you inspired; or other reasonable interpretations of the theme
   _____ / 5

15. Overall impression of display
    _____ / 10
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**

16. Objective or problem statement
   
17. Identify the need for a solution to the problem
   
   *If the project is research, show why research is necessary/important.*

18. Identify criteria and constraints

19. Research or alternative solutions found

20. Results or final solution

21. Conclusion

**Additional Judging Criteria**

22. Follows format: less than or equal to four pages, 12-point (all or nothing)

23. Grammar

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**Technical Display Total**

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/ 132
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:
Quality of Verbal Explanation

1. Ability to communicate material clearly and concisely
   Display explained adequately without using it as a crutch; no use of jargon without explanations
   ____ / 10

2. Within time limit (all or nothing)
   Verbal explanation is between 3 and 6 minutes (does not include answering questions)
   ____ / 5

3. Ability to effectively answer questions
   Answers are clear and concise, showing the presenter’s knowledge on the material
   ____ / 5

4. Overall quality of presentation
   Good eye contact, enthusiasm, audibility, good/not overwhelming hand gestures, ability to gauge audience and relate
   ____ / 10

Quality of Visual Presentation

5. Communication of idea
   Does display summarize important points, have a good use of diagrams/visuals, support verbal explanation
   ____ / 10

6. Aesthetic appeal of display
   Professionally done, easy to follow, good use of space, readable, creative
   ____ / 10

7. How well display educates people of all ages and backgrounds
   General knowledge and specifics, people of all backgrounds can learn from display and relate to it
   ____ / 10

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

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

14. Objective or problem statement
   
15. Identify the need for a solution to the problem
   
   *If the project is research, show why research is necessary/important.*
   
16. Identify criteria and constraints
   
17. Research or alternative solutions found
   
18. Results or final solution
   
19. Conclusion

Additional Judging Criteria

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

Graduate Student Display Total
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