OUTSTANDING DEPARTMENT AWARD
2016 OPEN HOUSE: “PURPLE TODAY FOR A GREEN TOMORROW”

Department: ______________________________________________________

Overall Department Effectiveness _______________________/150
Curriculum Display _______________________/130
Children’s Display _______________________/85
Yellow Brick Award _______________________/100

Open House Reports

1. Feedback Meeting _______________________/5
2. 1st Official Meeting _______________________/5
3. January Meeting _______________________/5
4. February Meeting _______________________/5
5. March Meeting _______________________/5
6. Project Proposal Report _____________10
7. Room Request _______________________/5
8. Departmental Report _______________________/10
9. Progress Report _______________________/10
11. Display Written Portion Drafts _______________________/10
12. Final Display Report _______________________/10
13. Final Layout and Route Report _______________________/10
14. Route Helpers _______________________/15
15. Departmental Display Award _______________________/5
17. Sustainability Report _______________________/15

Outstanding Department Award Total _______________________/590
## Overall Department Effectiveness

2016 Open House: “Purple Today for a Green Tomorrow”

Department: _________________________________    Judge: ________________________________

### Quality of Visual Presentations
1. How well visual displays help communicate department theme
   ______/10
2. Aesthetic appeal of displays (professional, clean, organized)
   ______/20

### Quality of Verbal Explanations
4. Quality of presentations (friendly, audible, enthusiastic)
   ______/20
5. Professionalism and preparedness of all presenters
   ______/20

### Public Awareness
6. How well the displays represent department’s field of engineering and engineering in general
   ______/10
7. How well the displays educate people of all ages and backgrounds
   ______/10

### Communication of Theme
8. How well displays relate to “Purple Today for a Green Tomorrow”
   ______/10
9. How well displays communicate department theme
   ______/10
9. How cohesively and creatively displays relate to each other
   ______/10

### Departmental Entrance/Route
10. Designed route through room (clear, people don’t get lost)
    ______/10
11. How well entrance relates to theme of Open House
    ______/10
12. How welcoming entrance and department is
    (inviting, intriguing, creative)
    ______/10

**Overall Department Effectiveness Total**

______/150
Yellow Brick Award
2016 Open House: “Purple Today for a Green Tomorrow”

Department: _________________________________  Judge: _________________________________

Participation
1. 15 or more participants (all or nothing) _______/10

Display
2. Display noticeably contains department name _______/10
3. Creativity and originality of display _______/10
4. Imaginatively using department theme _______/10
5. Overall quality of display _______/10

Performance
6. Imaginatively incorporates theme _______/10
7. Spirit and enthusiasm _______/20
8. Interesting/creative/entertaining/educational _______/20
9. Time deductions:
    If skit goes over 3 minutes and 15 seconds, minus five points
    If skit goes over 4 minutes, minus ten points

Final Time ______

Safety
10. Any action or display that causes, or could have caused, harm to a participant or spectator will result in an automatic deduction of 50 points.

Yellow Brick Award Total _______/100
CHILDREN’S DISPLAY
2016 Open House: “Purple Today for a Green Tomorrow”

Department: _________________________________  Judge: _________________________________

Quality of Visual Presentation
1. Does the display appeal to kids _______/10
2. Is the display creative and/or fun _______/10
3. Does the display tie in to the department’s theme _______/5

Quality of Verbal Presentation
4. Does the presenter relate to kids and engage them _______/15
5. Do kids learn something about engineering from the presenter _______/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

Overall Impression of Display _______/10

Children’s Display Total _______/85

*Please note: the display must consider preschool and elementary aged kids as its primary audience, but it can relate to as many age groups as wanted.
Curriculum Display
2016 Open House: “Purple Today for a Green Tomorrow”

Department: _________________________________  Judge: _________________________________

Quality of Visual Presentation
1. Does display list curriculum for new students and give major options _______/10
2. Does display describe what professionals in that field do _______/10
3. Does display stand by itself? _______/10
4. Do diagrams add to the display? _______/5
5. Does display provide an overview of the department _______/10
4. Is display: readable, professionally done, neat, informative _______/20

Presentation
5. Is there a knowledgeable, cheerful, enthusiastic presenter _______/10
6. Is there more than one student able to present (you can ask) _______/5
7. Can students adequately answer questions about department _______/10

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

Overall Impression of Display _______/15

Curriculum Display Total _______/130
**LIMITED DISPLAY**

2016 Open House: “Purple Today for a Green Tomorrow”

Department: _________________________________Judge: _________________________________

**Quality of Verbal Explanation**

1. Ability to communicate material
   - Display explained adequately without using it as a crutch, no use of jargon without explanations
   ____/10

2. Ability to answer questions
   - Answering questions without going on a tangent, knowledgeable response, more than a “bare bones” answer
   ____/10

3. Quality of Presentation
   - Good eye contact, enthusiasm, audibility, good/not overwhelming hand gestures, ability to gauge audience and relate
   ____/10

4. Time Limits
   - Time of presentation
   - Deduction (check if applicable)

**Quality of Visual Presentation**

5. Communication of idea
   - Does display stand by itself, summarize important points, good use of diagrams
   ____/20

6. Aesthetic appeal of display
   - Professionally done, easy to follow, good use of space, readable, creative
   ____/20

**Public Awareness**

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
   ____/20

8. How well display represents specific field of engineering
   - Does display represent department well, educate others about specific field, emphasis on how specific field impacts society
   ____/10

9. How well display promotes engineering in general
   - Does display show how engineering is beneficial to people of all backgrounds
   ____/10

**Interactivity**

10. Can public interact with display
    ____/10

11. Is interaction educational and does it serve a purpose
    - Not just an interaction for the sake of an interaction
    ____/10

12. Is the interaction positive (safe, not embarrassing, creative)
    ____/10

**Originality and Imagination**

13. How well display relates to “Purple Today for a Green Tomorrow”
    - Display incorporates meaning and not just words, creative and unique display
    ____/10

14. How well display illustrates current topics
    - Recent references (2007 and later), is the field making progress in this area
    ____/10

**Overall Impression of Display**

_____/10

**Limited Display Total**

_____/170
FRESHMAN/SOPHOMORE CLASS DISPLAY
2016 OPEN HOUSE: “PURPLE TODAY FOR A GREEN TOMORROW”

Department: _________________________________ Judge: _________________________________

QUALITY OF VERBAL EXPLANATION

1. Ability to communicate material _______/10
   - Display explained adequately without using it as a crutch, no use of jargon without explanations

2. Ability to answer questions _______/10
   - Answering questions without going on a tangent, knowledgeable response, more than a “bare bones” answer

3. Quality of Presentation _______/10
   - Good eye contact, enthusiasm, audibility, good/not overwhelming hand gestures, ability to gauge audience and relate

4. Time Limits
   - Time of presentation_________ Deduction (check if applicable) _______
   - Any presentation that goes over 4 minutes receives a deduction of five points

QUALITY OF VISUAL PRESENTATION

5. Communication of idea _______/20
   - Does display stand by itself, summarize important points, good use of diagrams

6. Aesthetic appeal of display _______/20
   - Professionally done, easy to follow, good use of space, readable, creative

PUBLIC AWARENESS

7. How well display educates people of all ages and backgrounds _______/20
   - 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 _______/10
   - Does display represent department well, educate others about specific field, emphasis on how specific field impacts society

9. How well display promotes engineering in general _______/10
   - Does display show how engineering is beneficial to people of all backgrounds and why potential students would want to go into engineering

ORIGINALITY AND IMAGINATION

13. How well display relates to “Purple Today for a Green Tomorrow” _______/10
    - Display incorporates meaning and not just words, creative and unique display

14. How well display illustrates current topics _______/10
    - Recent references (2007 and later), is the field making progress in this area

OVERALL IMPRESSION OF DISPLAY _______/10

FRESHMAN/SOPHOMORE CLASS TOTAL _______/140
Open Class Display
2016 Open House: “Purple Today for a Green Tomorrow”

Department: _________________________________ Judge: _________________________________

Quality of Verbal Explanation
1. Ability to communicate material _____/10
   - Display explained adequately without using it as a crutch, no use of jargon without explanations
2. Ability to answer questions _____/10
   - Answering questions without going on a tangent, knowledgeable response, more than a “bare bones” answer
3. Quality of Presentation _____/10
   - Good eye contact, enthusiasm, audibility, good/not overwhelming hand gestures, ability to gauge audience and relate
4. Time Limits
   - Time of presentation ____________ Deduction (check if applicable) ________
     Any presentation that goes over 4 minutes receives a deduction of five points

Quality of Visual Presentation
5. Communication of idea _____/20
   - Does display stand by itself, summarize important points, good use of diagrams
6. Aesthetic appeal of display _____/20
   - Professionally done, easy to follow, good use of space, readable, creative

Public Awareness
7. How well display educates people of all ages and backgrounds _____/20
   - 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 _____/10
   - Does display represent department well, educate others about specific field, emphasis on how specific field impacts society
9. How well display promotes engineering in general _____/10
   - Does display show how engineering is beneficial to people of all backgrounds and why potential students would want to go into engineering

Originality and Imagination
13. How well display relates to “Purple Today for a Green Tomorrow” _____/10
    - Display incorporates meaning and not just words, creative and unique display
14. How well display illustrates current topics _____/10
    - Recent references (2007 and later), is the field making progress in this area

Open Class Abstract
1. Editing and reader-friendliness _____/5
   - Follows page limit, no major punctuation and grammar errors, information communicated effectively
2. Discusses how display relates to patenting process _____/15

Overall Impression of Display _____/10

Open Class Total _____/160
Graduate Student Display
2016 Open House: “Purple Today for a Green Tomorrow”

Department: _________________________________  Judge: ________________________________

Quality of Verbal Explanation
1. Ability to communicate material  ______/10
   - Display explained adequately without using it as a crutch, no use of jargon without explanations
2. Ability to answer questions  ______/10
   - Answering questions without going on a tangent, knowledgeable response, more than a “bare bones” answer
3. Quality of Presentation  ______/10
   - Good eye contact, enthusiasm, audibility, good/not overwhelming hand gestures, ability to gauge audience and relate
4. Time Limits
   - Time of presentation_________  Deduction (check if applicable) ______
   - Any presentation that goes over 4 minutes receives a deduction of five points

Quality of Visual Presentation
5. Communication of idea  ______/20
   - Does display stand by itself, summarize important points, good use of diagrams
6. Aesthetic appeal of display  ______/20
   - Professionally done, easy to follow, good use of space, readable, creative

Public Awareness
7. How well display educates people of all ages and backgrounds  ______/20
   - General knowledge and specifics, people of all backgrounds can learn from display and relate to it, is the information presented tangible
8. How well display represents specific field of engineering  ______/10
   - Does display represent department well, educate others about specific field, emphasis on how specific field impacts society
9. How well display promotes engineering in general  ______/10
   - Does display show how engineering is beneficial to people of all backgrounds and why potential students would want to go into engineering

Originality and Imagination
13. How well display relates to “Purple Today for a Green Tomorrow”  ______/10
    - Display incorporates meaning and not just words, creative and unique display
14. How well display illustrates current topics  ______/10
    - Recent references (2007 and later), is the field making progress in this area

Overall Impression of Display  ______/10

Graduate Student Display Total  ______/140
Technical Display Background

The Best Technical Presentation Award will be given to the best display of a technical engineering concept presented by an undergraduate and/or a graduate student. Any display entered in the Open Class or Limited Class competition may also be entered in this category. Entries may be class, individual, senior, graduate or any other projects that exclude faculty involvement (except as an advisor). Each department is allowed to submit two Technical Displays to be judged, but may (and is encouraged to) have as many non-judged technical displays as desired. Technical displays should be in problem/solution format.

An abstract must be turned in by April 11, 2016. Make sure there is a name, title, and department name at the top of the page. No title page is needed. This abstract must also be available at the display. Without an abstract, the display will be disqualified. It should be no more than 2 pages in length with one-inch margins on all sides, written in 11-point font or larger and should include the following sections:

Background and Purpose
Results
Conclusion
Recommendations for Future Work

A plaque will be given for first place. Certificates will be presented to the display chairperson for first, second, and third places.

Quality of Abstract

2. Editing and reader-friendliness
   - Follows page limit, no major punctuation and grammar errors, information communicated effectively
   _____/5

2. Background and Purpose
   _____/5

3. Results
   _____/5

4. Conclusion
   _____/5

5. Recommendations for Future Work
   _____/5

Technical Abstract Total
   _____/30
Technical Display
2016 Open House: “Purple Today for a Green Tomorrow”

Department: ___________________________  Judge: ___________________________

Technical Display: ____________________________________________________________

Quality of Verbal Explanation
1. Ability to communicate material  _____/10
   • Display explained adequately without using it as a crutch, no use of jargon without explanations
2. Ability to answer questions  _____/10
   • Answering questions without going on a tangent, knowledgeable response, more than a “bare bones” answer
3. Quality of Presentation  _____/10
   • Good eye contact, enthusiasm, audibility, good/not overwhelming hand gestures, ability to gauge audience and relate
4. Time Limits
   • Time of presentation_________  Deduction (check if applicable) ________
   • Any presentation that goes over 4 minutes receives a deduction of five points

Quality of Visual Presentation
5. Communication of idea  _____/20
   • Does display stand by itself, summarize important points, good use of diagrams
6. Aesthetic appeal of display  _____/20
   • Professionally done, easy to follow, good use of space, readable, creative

Public Awareness
7. How well display educates people of all ages and backgrounds  _____/20
   • 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  _____/10
   • Does display represent department well, educate others about specific field, emphasizes on how specific field impacts society
9. How well display promotes engineering in general  _____/10
   • Does display show how engineering is beneficial to people of all backgrounds

Originality and Imagination
13. How well display relates to “Purple Today for a Green Tomorrow”  _____/10
    • Display incorporates meaning and not just words, creative and unique display
14. How well display illustrates current topics  _____/10
    • Recent references (2007 and later), is the field making progress in this area
**TECHNICAL DISPLAY**  
2016 Open House: “Purple Today for a Green Tomorrow”

<table>
<thead>
<tr>
<th>Engineering Method</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><em>All categories should be presented visually within the display</em></td>
<td></td>
</tr>
<tr>
<td>15. Define the problem</td>
<td>_____/5</td>
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<tr>
<td>16. Identify the need for a solution to the problem</td>
<td>_____/5</td>
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<tr>
<td>17. Research</td>
<td>_____/5</td>
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<tr>
<td>18. Identify criteria and constraints</td>
<td>_____/5</td>
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<tr>
<td>19. Identify alternative solutions</td>
<td>_____/5</td>
</tr>
<tr>
<td>20. Adequate analysis of problem</td>
<td>_____/5</td>
</tr>
<tr>
<td>21. Determination of optimum solution</td>
<td>_____/5</td>
</tr>
<tr>
<td>22. Specifications of solution</td>
<td>_____/5</td>
</tr>
<tr>
<td>23. Evaluation of solution</td>
<td>_____/5</td>
</tr>
</tbody>
</table>

**Overall Impression of Display**  
_____/10

**Technical Display Total**  
_____/185