ME 4054W: SENIOR DESIGN PROJECTS

Week 13 – Thursday

Design Show
Notes

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The Design Show
When: Tuesday, December 11, 2012
Where: Great Hall, Coffman Memorial Union

Important Times:
Setup begins: 10:00 AM
Setup complete: 1:00 PM
Show opens to judges: 1:30 PM
Show opens to public: 2:30 PM
Show closes to public: 4:30 PM (last judge may leave 5/5:30)
Clean-up completed by: 6:00 PM
The Design Show: The Basics

**PURPOSE:**
Opportunity for each team to proudly present the results of a strong effort

**GOAL:**
To maximize the transfer of information by all available means

**FORMAT:**
Professional trade show

**DESIGN JURY:**
Each booth will be visited by 3-4 judges

All team members should be present and prepared to answer questions.
How you will be judged

About the judges:
• Diverse backgrounds:
  • Faculty
  • Advisers
  • Industry
• Not all are engineers

Prepare your materials so the judges have no doubt how you fare on these items.
Help them help you.

Note that the Quality of the Design metrics are double weighted.
What to Expect

Check out Past Shows:
http://www.me.umn.edu/courses/me4054/designshow/gallery/index.html
The Design Show: The Facilities

Default Facilities

• One 30 inch x 72 inch table
• One 6’ x 6’ display panel with cork board face (use **pins only**; no staples or tape)

Whatever you can set up & take down is generally acceptable. If in doubt, ask.

Bring your own extension cords.

If you need electrical power (beyond what is needed for a laptop) or to be in a special location, please **let Tori Piorek know today**! We may not be able to accommodate all special requests. They will be handled on a first come, first served basis.
What to Expect
What to Prepare

• Backdrop Materials (6’ x 6’ board is provided)
  – Posters
    • Large text, short explanations
    • Organized
    • Meaningful titles on all figures and all graph axes labeled
  – Several Regular Size Print-Outs
    • Display in Sequence

• Print your poster at ADCS Coffman B60
  $4.50 / ft²  http://oit.umn.edu/computer-labs/printing/index.htm
Poster Activity

Can Use:
- Large format printing
- Multiple smaller pages

Suggestions:
- Use visuals and color
- Pictures are worth a thousand words
- Outline your poster(s)
What to Prepare

• Suggestions for your tabletop:
  – Prototype
  – Laptop with images, video, something appropriate
  – Physical objects associated with testing or manufacturing processes
  – Final Design Report (bound)
  – No candy
What to Prepare

• The Elevator Speech

How would you describe your project to someone if you had to provide them with a 15-30 second overview while chatting in an elevator

• What, Why, and How
• Simple
• 2-3 sentences

A technically oriented lay-person should come away with the feeling that they understand what you did and why it was important!
Practice Your Elevator Speech!

• For … (*Target User*) who … (*need it addresses*).

• The … (*Product Name*) is a … (*category*) that … (*key benefits*).

• Unlike … (*primary alternative*), we … (*what makes you better*).

Source: [http://www.npdbd.umn.edu/deliver/elevator.html](http://www.npdbd.umn.edu/deliver/elevator.html)
What to Expect
Booth Presentation

Fall 2003

Fall 2009
What to Expect
Booth Presentation: Fully Corporate
What to Expect
Backboard Material

Fall 2005

Fall 2008
What to Expect
Backboard Material

Fall 2006
What to Expect
Backboard Material
What to Expect
Apparel: A Unified Front

Fall 2006

Fall 2009
What to Expect

Bring Power Strips and/or Extension Cords
Suggested Attendees

- Classmates
- Family (Younger siblings, cousins, etc. are particularly recommended)
- Roommates
- Workmates, supervisors, etc.
- Potential external project sponsors
- Please invite anyone you think might be interested

Possible Attendees

- President Kaler
- Deans Crouch, Gladfelter, Strykowski
- Prof. Kortshagen
Submittals at the Design Show

To your Adviser:
Each team member submits their design notebook
CD/USB Drive w/ Report & Supporting Documents

To Tori Piorek (at show):
Hardcopy of Vol 1 & Vol 2
CD/USB Drive w/ Report & Supporting Documents
Reminders

• If you have special needs such as power (more than what’s needed for a PC), space, etc. notify Tori Piorek today.

• Bring your own extension cords and/or power strips.

• Posters must be put on cork boards using pins (which will be provided). No staples or tape.
QUESTIONS?