The Design Show

ME 4054W

Spring 2012

Prof. David Y.H. Pui

Prof. Brad Bohlmann

12 days until the Design Show
The Design Show
When: *Tuesday, May 1, 2012*
Where: *Great Hall, Coffman Memorial Union*

**Important Times:**
- Setup begins: 10:00 AM
- Judging begins: 1:30 PM
- Show opens to public: 2:30 PM
- Show closes to public: 4:30 PM
- Clean-up completed by: 5:00 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 2-4 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/education/courses/me4054/designshow/gallery/index.html

Spring 2008
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 Devin Berg know by this Friday, April 20th. We may not be able to accommodate all special requests. They will be handled on a first come, first served basis.
What to Expect

OPTION TWO

5-1-12, Tuesday
Great Hall
10am to 5:30pm
Mechanical Engineering

Electrical Engineering/
Mechanical Engineering
Design Showcase
Contact: Tori Piorek
Res. 28343

Please make sure all Annex doors have
 clearance to open and close safely with
 the furniture set-up.
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 (Price is subject to change)

http://oit.umn.edu/computerlabs/using/printing/index.html
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.npodbdd.umn.edu/deliver/elevator.html
What to Expect
Booth Presentation

Fall 2003

Fall 2009
What to Expect
Booth Presentation: Fully Corporate

Fall 2003
What to Expect
Backboard Material

Fall 2005

Fall 2008
What to Expect
Backboard Material

Fall 2006
What to Expect

Backboard Material

Fall 2005
What to Expect
Apparel: A Unified Front

Fall 2006

Fall 2009
What to Expect
Bring Power Strips and/or Extension Cords

Fall 2002
Prof. Bohlmann was this ME 4054 team’s advisor and they placed second in a hydraulic drivetrain vehicle competition in California last week (12 universities in the competition)
Success Story

At the Chainless Challenge competition in Irvine, CA – April 12, 2012
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 Kahler
- Deans Crouch, Gladfelter, Strykowski
- Prof. Kortshagen
Submittals at the Design Show

To your Advisor:
• Submit one copy of Final Report CD
• Each team member submits their design notebook

To Tori Piorek:
• Submit Hardcopy of Final Report Vol. 1 & Vol.2
• Submit TA and Teaching Evaluation Forms

NOTE: TA and Teaching evaluation forms are provided at the Design Show
Reminders

• If you have special needs such as power (more than what’s needed for a PC), space, etc. notify Devin Berg by this Friday, April 20th. We plan to make team location assignments by April 24th.

• 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?