2010 Pace Design Competition

Conclusion

The Future of Urban Commuting:
- Innovative
- Efficient
- Sustainable
- Practical
PACE Competition 2010

- PACE (Partners for the Advancement of Collaborative Engineering Education) is interested in your modeling work.

- PACE partnership is made up of leading software and manufacturing companies; (GM, EDS, Sun Microsystems, Siemens, Fluent, Altair, HP, Livermore Software Technology, and others)

- Competition: Eight finalist teams will present their projects and receive feedback. First, Second, and Third place teams will win prizes and 2010 bragging rights!

See photos from last year at:
http://www.geneng.mtu.edu/pace
Previous PACE submissions
PACE Competition 2010

Five important areas of your design project will be considered:

1. **Form**: Design Concept, Creativity, Perceived Value, Safety
2. **Fit**: Physical Model (realism, aesthetics, detail, supporting design)
3. **Function**: Design Parameters and Performance (math models, simulations, spreadsheets, etc.)
4. **Presentation**: Effective, Professional, Credible
5. **Teamwork and Collaboration**: as demonstrated in the work and during the presentation

See photos from last year at:

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PACE Competition Timeline

• **Week 10**: Teams submit concept printouts to ENG1102 Professor

• **ENG1102 faculty** meet to choose 16 semi-finalist projects from those submitted.

• **Week 11**: Eight Finalist Teams are notified so they can continue to refine their designs if desired.

• **Week 14**: Finalist Presentations

• Teams take turns presenting their project concepts to the PACE judges.

• Similar to your class presentation but with focus on UG modeling.
20 April – Final Presentation Timeline

• 1:00 p.m. – Dow 642, set up technology & load all presentation files to projecting computer (meet-me-line for teleconference & LiveMeeting web meeting)
• 1:15 p.m. - Introductions of judges & participants
• 1:30 – 2:30 p.m. - First 4 teams present (15 minutes each)
• 2:30 – 2:45 p.m. - Set up for second group of teams and Introductions of Judges
• 2:45 – 3:45 p.m. - Second Group of Four Presentations (15 minutes each)
• 4:00 - 4:15 p.m. - PACE video while Judges "convene" for awards.
• 4:15 - 4:30 p.m. - Awards, comments from judges, photos
• 4:30 p.m. - Pizza in 642 Dow --- for all teams, faculty and judges.