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Wrap-up for ENSC 405W

“We suffer to learn.”

–*Aeschylus* (c. 525-456 BC)

“We learn to suffer.”

–*Sophocles* (c. 496-406 BC)



Some Grading Information

- ENSC 405W grades will be assigned circa Aug 20 via Canvas or e-mail.
- All of you will be assigned a grade of IP in the on-line Student Information System.
- Official grades for ENSC 405W will be released at the end of the summer, upon successful completion of ENSC 440.
- Note that ENSC 405W grades can vary as much as 20-30% within teams depending upon attendance, teamwork inventories, and engineering journals.
- Feel free to contact me in Sept if you have any queries about your grades.



What We Covered This Semester

- Engineering Design Models and Processes
- Listening Skills, Time Management, Team Dynamics, Leadership, Conflict Resolution
- User Interface Design
- Engineering Standards
- Project Management
- Project Documentation Fundamentals
- Engineering Journals, Proposals, Meeting Agendas and Minutes, User Manuals, Requirements Specifications, Design Specifications
- Oral Project Design Reviews, Poster Presentations



Remaining Assignments for 405W

- **Tues, July 24**– Design Progress Meetings (in ASB 9705).
To be scheduled via e-mail.
- **Thurs, July 26** – High Level Design Specs (includes UI Design Appendix, and 440 Project Planning Appendix).
Submit via e-mail.
- **Thurs, July 26** – Teamwork Inventory #2 (submit via e-mail)
- **Thurs, Aug 02** – Engineering Journals (submit at poster presentation), Poster Slide (submit via e-mail).



Topics for the Next Semester

- Andrew is working on the course materials for ENSC 440 for the Fall semester.
- You will most likely be doing some workshops with power tools.
- The main goal of the course will be to continue the design and development of your project. You are expected to progress to the prototype level.
- Assignments will likely include several iterations of a low-level design spec, a demo, and several other assignments.
- I will participate in the final demos.



Course & Instructor Evaluations

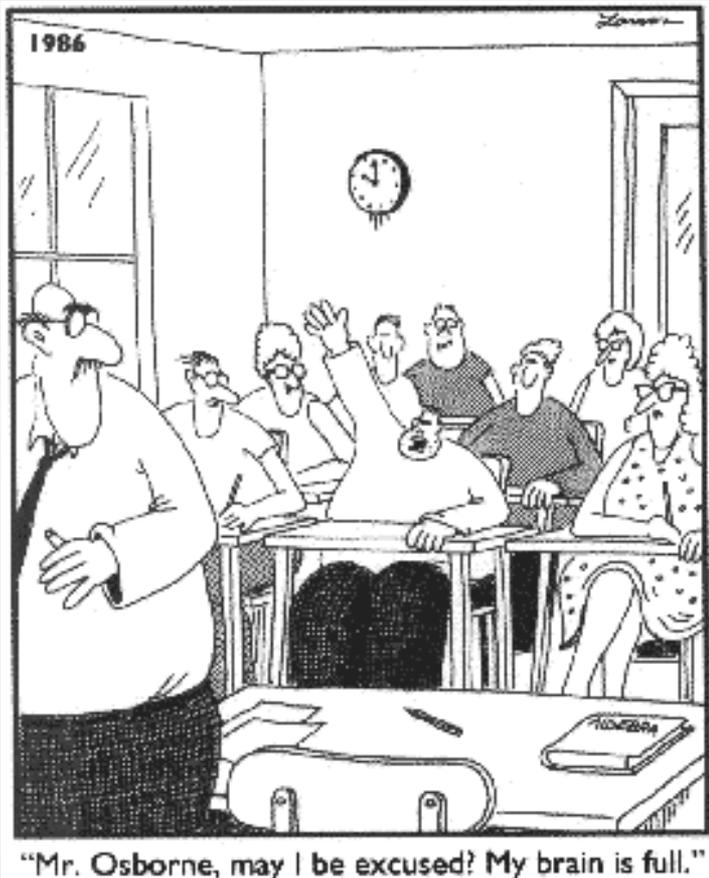
- You should receive a course evaluation link via e-mail in the next week or so. Please complete the course evaluation by the required date.
- 405W/440 (and the accompanying website) have evolved over the past 25 years based upon on-going feedback, suggestions, and many examples provided by students. Andrew and I want that to continue. **You are the designers of this course, not Andrew and me.**
- Please include your recommendations for improvements we can make to increase the educational value of the courses and website. Specifics are most helpful.
- We also need to know what parts of the courses worked well so that we don't inadvertently eliminate them.



Basic Tool Workshop Outcomes

- We will bring the creations from the shop workshop to the poster presentations. You are welcome to take your group's work at the end of the presentation. Those left behind will be used as examples for upcoming 405W classes.
- We were not grading these projects because the intent was for you to become familiar with basic tools and the shop.
- As well, we hope you learned about how your team best works together and the skill levels that each of you has.
- **STAY SAFE!**

Conclusion



Now this is not the end. It is not even the beginning of the end. But it is, perhaps, the end of the beginning.
-- Winston Churchill

- Good luck on your posters and exams.
- Use the break following your exams to get a head start on ENSC 440!