CE1: Hands-On Computer Engineering

Research Problems 8

1. Final Possibilities: Undergraduate Research Poster Symposium, June 4, 2:00-4:00 PM, E2 Courtyard. Senior Design Contest, Friday June 12, 4pm-7pm. Senior design presentations Wednesday, June 10, 4pm-10pm, Simularium E2-180.

2. Event possibilities (Required (!), if not yet done; say if done.). SWE meetings Thursdays 5-6, BE318. SWE Fundraiser SWE Fundraiser: Pizza My Heart, Tuesday, May 19 at 4:00pm-9:00 PM.

   Briefly write about the event or meeting you attended. Would you attend again? Was it about interesting things? How could the meeting or event be improved? In the case of pizza, talk to some of the organizers about their group & what they do.

3. Next week, we will hear about biomedical and rehabilitative robotics from Jacob Rosen. Think about someone you know that assistive technology could help. How might a new computer-based invention be able to help that person? Would it be simple or complicated to develop? What types of expertise would be needed to develop it? Do you think a company (possibly yours) one day might offer such a product?

4. Design group report is due (see Research Problems 7).

5. Final Project – (Poster Symposium due June 8 by email, Design Contest due June 13 by email, Design presentations, time still tba, due June 12 by email). Write a 2-3 page double-spaced or 1-2 single-spaced paper on the event.
   a. Write about your two (or more) favorite projects: what was interesting about the project, and what was good about the presentation?
   b. Write about how one other project could have been improved.
   c. Write about how one presentation could have been improved. Communication is a key part of being an engineering (or anything else), and looking at other presentations is a good way to improve your own.

6. Take another look at your lab notebook, and bring to class next week; depending on the scheduling of guest lectures and demos, I may grade them May 27 or June 3.