First-Year Advisee Meeting

Monday, August 21, 2006
10:30 AM
Names to faces

- Faculty Advisor:
  - Uri Keich <keich@cs.cornell.edu>
  - Habitat: Upson Hall 4159
  - X 5-7017

- Peer Advisors:
  - Nathan Chun <nic4@cornell.edu>
  - Emily Majusiak <erm34@cornell.edu>
  - Haley Viehamen <hav4@cornell.edu>
Review of Overall Curriculum

- Freshman Year: Scientific Fundamentals
  (The Common Curriculum)

- Sophomore Year: Engineering Fundamentals

- Junior Year: Required Major Courses

- Senior Year: Design/Advanced Major Courses
Requirements for the BS Degree
(See Handbook, Page 11)

- Mathematics
- Physics
- Chemistry
- First-Year Writing Seminars
- Technical Writing Requirement
- Computer Programming
- Engineering Distribution (ENGRI/ENGRD)
- Liberal Studies Distribution
- Major Program
- Total Credits Required = 123-133
Majors, Minors, and Options
(See Undergraduate Handbook)

- Majors: Requirements and flowcharts begin on page 29.

- Minors: Requirements begin on page 89.

- Bioengineering Option/Special Programs: Beginning on page 113.
Advanced Placement Credit

- Awarded in accordance with College of Engineering/CU Policy
- See orange sheet in your packet for details
- You are not required to accept AP credit.
- If you have questions about your AP award, please contact the Engineering Registrar’s Office, 158 Olin Hall.
Transfer Credit

- May be offered for courses taken at other colleges/universities
- May not have also been used toward the HS diploma
- CU Faculty determine whether or not a course is transferable
- Visit Engineering Advising, 167 Olin Hall, if you have questions.
Pre-sectioning

- If you responded to the mailing from Engineering Advising (Summer 2006), they attempted to enroll you in:
  - ENGRG 150
  - Appropriate MATH
  - Appropriate Science (Chemistry or Physics)
  - ENGRI or COM S 100
  - Optional Academic Excellence Workshop
Engineering Math Course

- MATH 191, 192, 293, 294

- Placement based on:
  - Information you provided over the summer
  - AP, GCE, Transfer Credit
  - Cornell Advanced Standing Exam (optional)
  - Whether or not you wish to accept credit
COM S 100 or ENGRI?

- Take one this Fall, and the other in Spring
- For those taking COM S 100, several options will be explained during the first day of class. (COM S 100M/J/R/H)
- COM S 100 classes are smaller in Fall = more personalized attention; no prior programming experience needed.
- You can jump straight to COM S 211 if you have sufficient background
- CS has a page to help you choose your first course
First-Year Writing Seminar

- Register by submitting an electronic ballot at:
  http://www.arts.cornell.edu/knight_institute/fws/fall2006/

- Select 5 seminars in order of preference

- Ballots must be submitted no later than 11:59 PM, Wednesday, August 23rd

- You may change your ballot as many times as you like before the deadline
PE Course Enrollment

- Must be done in person at Teagle Hall
  - Tuesday, August 22nd, 9 AM-4 PM
  - Wednesday, August 23rd, Noon-4 PM

- Be sure to take your swim test!
  - www.swimtest.cornell.edu
Add/Drop Process

- Add/Drop most courses using “Just the Facts”

- Add/Drop begins Wednesday, August 23rd, 6:30 AM (If you need help, contact your Peer Advisors.)

- Exceptions: FWS, PE, Chemistry (Chemistry still requires paper add/drop slip)

- Last day to add a class is September 15th; last day to drop is October 13th
By the end of your first year...

- You should have completed the following:
  - 2 Engineering Math (from 191, 192, 293, 294)
  - 2 Engineering Science (Chemistry/Physics, or one of each, as appropriate)
  - 1 ENGRI
  - COM S 100
  - 2 First-Year Writing Seminars
  - 2 PE Classes/pass swim test
  - Have academic plan to meet affiliation criteria for your intended major
Engineering Handbook

- Your primary resource for Engineering requirements/information
- Hold on to your copy; You only get one.
- Will also available on line in a few weeks
Open your eyes

- The college offers many opportunities:
  - Emotional as well as academic support
    - anyone can use help at some point in their life, it's OK, really!
  - Get involved in cutting edge research
    - Especially if you think you might be interested in an academic career
  - Get experience at the industry with a CO-OP
  - Study abroad
  - More...
ENGRG 150

- Fridays 2:30-3:20 Phillips Hall 307
- Requirements
  - One credit course, S/U grade
  - Attendance: no more than one unexcused absence
  - One assignment:
    - Make a list of the pleasant experiences as well as the disappointments you encountered during the semester
- Plan for the semester
  - Partly depends on your choice: choose from a list of possible activities
More on the course

- Mix of lectures, tours and visits to
  - “see and experience engineering in action”
  - learn more about the offered major and minors
  - learn about “exotic” options (study abroad, co-op)
  - hear from the experience of others
  - simply have fun and to interact with each other

- Books recommended by the college
  - *How We Got Here* by Andy Kessler
  - *Engineering Success* by Peter Schiavone
Next Steps…

☐ Schedule individual appointments

☐ See you at the Ice Cream Social!
  ■ Wednesday, August 23\textsuperscript{rd}
  ■ 2-3:30 PM, Duffield Hall Atrium