

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 23rd
 - 2-3:30 PM, Duffield Hall Atrium