**Introduction**

- **Course Objectives:**
  1. Increase student awareness of current issues and developments in chemical engineering involving industry, education, government, science and society.
  2. Develop communication skills for making formal technical presentations.

- **Organization:**
  - Students will be divided into groups of three.
  - Each week, several student groups will make presentations that consist of an overview of a topic in chemical engineering based on assigned reading(s) from technical journals such as *Chemical and Engineering News* (C&EN). Each group will have a different topic.

- **Critiques of Presentations:**
  - At the end of a class, each student will submit a brief critique/summary for each presentation, using a standard evaluation form.

**To Receive A Passing Grade for ChE 119 You Must:**

1. Attend and complete a critique/summary sheet for at least seven of the eight class meetings (or pre-arrange a make-up assignment with the instructors).

2. Actively participate with your assigned group in preparing and presenting your assigned talk. Also, be prepared to answer questions after your group presentation.

**Group Presentations**

- Your assigned presentation is usually based on a recent article from *Chemical & Engineering News* (C&EN) which is available in the library or on the journal web page via a campus computer terminal.

- The Department strongly urges you to become a student member of the American Institute of Chemical Engineers (AIChE) and the American Chemical Society (ACS). AIChE dues are free for students and ACS dues are inexpensive. These memberships are well worth it when it comes time for you to speak knowledgably in job interviews about your profession.

**Course Web Page:**

http://www.chemengr.ucsb.edu/~ceweb/courses/che119/
Recommended Preparation for Presentations:

1. Arrange at least two meeting times with the other members of your group.

2. Locate and read the assigned article and find any relevant supporting information necessary to explain the technical concepts presented in the article.

3. Prepare an outline of the presentation to bring with you to the first meeting of your group.

4. Prepare the presentation.

5. In your first group meeting discuss the article and decide on:
   a. The main point.
   b. The basic engineering, science, chemistry, of policy material covered.
   c. Criticisms of the article (don’t believe everything you read).
   d. Conclusions
   e. Division of the work for preparing the PowerPoint slides.

6. Prepare your part of the presentation as described in Lecture 1 (see web page also).

7. Meet again, assemble the entire talk, and practice presenting it in front of each other. The talk should be designed for 12 minutes.

8. Submit the electronic version of the presentation to both course instructors before 1 PM on the day of the presentation.

Resources

Course materials for the freshman Writing courses (e.g., Writing 2E or 50E).
http://wiscinfo.doit.wisc.edu/lde/ORFI/ces/presentations.htm
http://www.mme.wsu.edu/~me316/ME316%20Present%20S%2000/index.htm
http://www.cs.msstate.edu/~cs8011/howto_present.pdf

Many More ……………………

Questions?