University of Utah

CH EN 6253 – Advanced Design

Last Revised 7/21/2014

Instructor: Geof Silcox
Room MEB 3290 C
581-8820, geoff@che.utah.edu
http://www.che.utah.edu/~geoff/6253/

Class Meetings: None

Office hours: When available or by appointment.

Prerequisites: Instructor’s consent.

Text: None

Course description: Complex problems involving chemical-processes of interest to students: analysis, synthesis, and optimization.

This three-credit hour course is offered by arrangement with Prof. Silcox. For students who are pursuing a non-thesis MS degree, assessment of your performance in 6253 will be made by your supervisory committee.

Graduation deadlines: If this course is your last graduation requirement, please check with the Graduate School website to ensure that you complete it by the required deadline.

Grading: The grade will be based on your written report and will be assigned by Prof. Silcox. For students who are pursuing a non-thesis MS degree, assessment will be performed by your supervisory committee and will require an additional oral presentation before your committee.

Project and Written Report: The topic can be work-related and can be an individual or group effort. The topic needs to be approved by Prof. Silcox or your supervisory committee and should be consistent with the course description given above. The project can be purely computational but should include estimates of the uncertainty in all predicted quantities.

As a rough guideline, the report should be submitted to your
committee two weeks before your oral presentation and should be roughly 20 pages of text with 1.5 spacing. At the latest, your oral presentation should be on or before the last day of finals. Students who are not required to make an oral presentation should submit their report by the last day of finals week.

If this course is your last graduation requirement, please check with the Graduate School website to ensure that you complete it by the required deadline.

**Oral Presentation**

The oral report, if required, should not be longer than 45 minutes. It is better if you can present before the last day of classes because finals week tends to be hectic. If you cannot present before the deadline for posting of grades, you will be given a “I” meaning that the class is incomplete. You will have one year to complete the course before the “I” changes to an “E”. You will also need to register for additional credit hours (at least 0.5 units) in the semester in which you actually present your oral report.

Some students have presented interim reports to their committees in order to get feedback before the formal, oral presentation. You are welcome to arrange that if desired.

**Students with Disabilities**

The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in this class, reasonable prior notice needs to be given to the Center for Disability Services, http://disability.utah.edu/index.htm, 162 Olpin Union Building, (801)581-5020 (V/TDD). CDS will work with you and Prof. Silcox to make arrangements for accommodations.