ENCH 446 Process Engineering Economics and Design II
Spring 2013 Syllabus

Instructor: Sheryl Ehrman
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Office Hours: Weds 2:00 to 3:00 pm
Fri 3:00 to 4:00 pm
By appointment

Textbook: None

Class Schedule: W……….3:00 pm to 5:30 pm (CHEM 1402)

Useful Websites: http://umdecp.mroomstest.net/login/ course hosting website
http://www.eit.umd.edu/vcl/index.php virtual computer lab
http://www.sache.org process safety information
http://www.isr.umd.edu/Labs/CACSE/A-Team/ChemCAD/index.html ChemCad tutorials

COURSE OBJECTIVES
In this course, students will apply chemical engineering principles for the design of chemical processing equipment. Students will solve typical problems in the design of chemical plants, incorporating economic, process safety and environmental sustainability considerations. Significant teamwork will be required and communication skills in the form of written and oral reports will be emphasized.

GRADING POLICY
Team Grades
Project 2 Assignments 20%
Project 2 Presentations 10%
Project 2 Final Report 20%
Subtotal 50%

Individual Grades
Individual Contribution to Team / Participation 15%
Project 1 Assignments 20%
Additional Individual Assignments 15%
Subtotal 50%


Academic Integrity
The University of Maryland, College Park has a nationally recognized Code of Academic Integrity, administered by the Student Honor Council. This Code sets standards for academic
integrity at Maryland for all undergraduate and graduate students. As a student you are responsible for upholding these standards for this course. It is very important for you to be aware of the consequences of cheating, fabrication, facilitation, and plagiarism. For more information on the Code of Academic Integrity or the Student Honor Council, please visit http://www.shc.umd.edu.

To further exhibit your commitment to academic integrity, remember to sign the Honor Pledge on all examinations and assignments: “I pledge on my honor that I have not given or received any unauthorized assistance on this examination (assignment).”

**Attendance**
Regular attendance during clinics and for team/instructor meetings during class time is expected.

**Exams and Assignments**
Individual and team assignments must be turned in at the beginning of the class period on the due date, or at the time of the team/instructor meeting. Late assignments will not be accepted, except in the case of unusual circumstances with submission of sufficient documentary evidence. Assignments that are illegible will not be graded. Calculations may be handwritten, but it is recommended that any extensive text be prepared using word processing software. Any requests for re-grading must be submitted in writing in a timely manner.

**Peer Evaluations**
Two peer evaluations will be given during the semester. The peer evaluation forms will be available from the course website. The result of this evaluation, the instructor’s personal discretion, and information from the team reports will be used to determine the “Individual Contribution to Team” grade.

**Accommodations**
Religious observances: Students shall be given an opportunity whenever feasible to make up in a reasonable time any academic assignment that is missed due to individual participation in religious observances. It is the student’s responsibility to inform the instructor of any intended absences for religious observances in advance.

Disabilities: The University has a legal obligation to provide appropriate accommodations for students with disabilities. If you have a university registered special need related to a disability, please inform the instructor *as soon as possible* to arrange accommodations.