DEPARTMENT OF CHEMICAL & BIOLOGICAL ENGINEERING
UNIVERSITY OF WISCONSIN

CBE 562: INTRODUCTION TO CHEMICAL PROCESS MODELING Spring, 2008

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Exam Schedule

Exam	Date		
1	Wed	3–5	1:20pm
2	Wed	4–16	1:20pm
3	Fri	5–16	12:25pm

Grading

Exams (2 × 25%)	50%
Final Exam	25%
Homework	25%
	100%

Procedures and Policies

Discussion sessions will center on MATLAB use in problem solving. Typically, in-class exercises will be assigned and attendance is expected. Bring your computer.

Exams will each be 2 hours long. The exams will require the use of MATLAB . Please make every effort to attend exams at the scheduled time. If a legitimate conflict will prevent your taking an exam at the assigned time, please notify me in advance.

Homework normally will be assigned weekly and be due on Fridays. Homework solutions are to be your own individual work. Common solutions worked out in pairs or a group are not acceptable.

In-class presentations: Each problem will be assigned in a rotation to one student. For your assigned problems you will give a presentation of your solution to your discussion section.

Resources

Course webpage: http://ecow.engr.wisc.edu/cgi-bin/get/che/562/swaney/
Schedule updates, homework assignments, and supplementary information will be posted here.

Course materials: http://cbe255.che.wisc.edu
These will be under continuing development as the course proceeds.

Getting Matlab at CAE: http://software.cae.wisc.edu/index.php/Tethered_Software

Supplementary References:

Gilat, A., *MATLAB An Introduction with Applications*, 3rd ed., Wiley (2008).
Pratap, R., *Getting Started With MATLAB*, Oxford University Press (2005).
Palm, W.J., *Introduction to MATLAB 7 for Engineers*, 2nd ed., McGraw-Hill (2005).
Finlayson, B.A., *Introduction to Chemical Engineering Computing*, Wiley (2006).

Schedule (v. 5-1-08)

Week	Date	Topic	Homework due
1	1-23	Course introduction	—
2	1-28; 30	Module 2	MATLAB installation
3	2-4; 6	Module 2	2-3,5,8
4	2-11; 13	Module 5	2-10,11,12,13
5	2-18; 20	Module 5	5-1,2,3
6	2-25; 27	Module 4	5-6,7,8
7	3-3	Module 4	—
	3-5	**Exam 1**	
8	3-10; 12	Module 4	4-1,2,3
–	3-17; 19	(Spring Break)	—
9	3-14; 26	Module 7	4-4,5,6,7
10	3-31; 4-2	Module 7	7-1
11	4-7; 9	Module 7	7-2,3
12	4-14	Module 3	7-4
	4-16	**Exam 2**	
13	4-21; 23	Module 3	3-1,2,3
14	4-28; 30	Module 3	3-4,5,7
15	5-5; 7	Module 6a	6a-1
	5-16	Final Exam (12:25pm)	