

ChE 360 Syllabus

Department of Chemical Engineering
The University of Texas at Austin
CPE 2.218
TTH 9:30-11:00, F 1:00 – 3:00 p.m

Professor T.F. Edgar, Instructor (CPE 5.422)
Conan Park, TA (CPE 4.442)
Tim Dyess, Grader
Spring, 2013

1. Homework will be assigned weekly (normally on Thursday) and is usually due within five days of the time of assignment; homework keys will be posted on the web site. In addition to the normal TTH lectures, there will also be lectures on Fridays (1-3 p.m.) in order to complete the course in early April. All three exams will be held on Fridays. Additional problem-solving sessions will be held after the Friday lectures.
 2. Grading is based on:
 - 3 exams (weighting = 20% each)
 - 1 cumulative homework grade (weighting = 20%), including four in-class unannounced quizzes (weighting = 4% of the 20%)
 - Final Exam (weighting = 20%)You may drop the lowest major grade (20%), and the total is normalized to 100%.
 3. There will be several computer simulation/controller tuning projects as part of the homework assignments. Students are allowed to work in groups of two on the computer projects.
 4. Exams are open book/open notes. An exam is given every 3 to 4 weeks, and each exam has a time limit of two hours, given during the recitation section. The final exam is two hours long and requires an understanding of material presented throughout the whole semester. Solutions will be posted on the web page.
 5. The textbook is available from the Co-op.
 - Textbook: Dale E. Seborg, Thomas F. Edgar, Duncan A. Mellichamp, and Francis J. Doyle, *Process Dynamics and Control*, 3rd edition, John Wiley and Sons, New York (2010).
 6. Prerequisites: ChE 322, ChE 253M, and ChE 354 with a grade of at least a C in each course.
 7. In accordance with departmental policy, class attendance is expected. E-mail contact of the instructor or TA/grader about coursework questions is encouraged. Announcements will be made by email and posted on the course website.
 8. Class notes are available in the web site in Powerpoint format. It may be helpful to print them out as a template for taking notes in class.
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Instructor Information

Instructor	Dr. T.F. Edgar
Office:	CPE 5.422
Office Phone:	471-3080
Office hours:	Tuesday: 1:00 – 2:00 p.m. Friday: 12:00 – 1:00 p.m. (other hours by appointment)
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TA	Conan Park
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Office Phone:	436-0738
Office hours:	Tuesday: 11:00 - 12:00 Friday: 11:00 - 12:00
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Graders	Tim Dyess, tjdyess@gmail.com
Office hours	Thursday : 11:00-12:30 OXE Room