

CHEE 3300

Reactor Engineering and Design

Instructor: Dr. Ana Alba-Rubio
Email: Ana.AlbaRubio@UToledo.edu **Term:** Fall 2015
Office Hours: Monday and Wednesday (2- 3:30 pm), or e-mail for an appointment **Class Location:** Palmer Hall 3190
Class Day/Time: MWF 1:00 pm- 1:50 pm

Location: 3052 Nitschke Hall
Office Phone: (419) 530-8103

Teaching Assistant: Shahab Zekriardehani
Email: Shahab.Zekriardehani@rockets.utoledo.edu
Office Hours: Tuesday and Thursday (3- 4:30 pm)
Location: CASE Center

TOPICS

- Introduction (Chapter 1 of the textbook)
- Conversion and Reactor Sizing (Chapter 2)
- Rate Law and Stoichiometry (Chapter 3)
- Isothermal Reactor Design (Chapter 4)
- Collection and Analysis of Rate Data (Chapter 5)
- Multiple Reactions (Chapter 6)
- Catalysis and Catalytic Reactors (Chapter 10)

TEXTBOOK

Elements of Chemical Reaction Engineering, H. Scott Fogler, 4th Edition, Prentice Hall, 2006.

ASSIGNMENTS

It is your responsibility to check the course website on blackboard regularly. Assignments will normally be posted on Friday, and due at the start of class on Wednesday. Late homeworks will not be accepted and will be assigned a grade of zero. Solutions will be posted on the course website, as well as other resource materials.

EXAMS

There will be three exams during the course (two during the semester and one final exam). It is your responsibility to inform your instructor (by email and in advance) if you cannot take an exam. Absence from an exam without an acceptable reason and proper documentation evidence will result in a grade of zero on that exam. Exams dates are **Sept. 25**, **Oct. 26**, and **Dec. 16 (Final)**.

GRADING

The following grading scale will be used:

A 100-88; **B** 87-76; **C** 75-64; **D** 63-53; **F** 52 and below.

It will consist of a sum of the following items:

Exams (2)	40%
Homework	20%
Final exam	40%

Academic Accommodations

Students with disabilities who believe they may need academic accommodations are encourage to speak with me after class and will need to contact the Student Disability Services Office (Rocket Hall 1820; (419) 530-4981; studentdisabilitysvs@utoledo.edu) as soon as possible for more information and/or to initiate the process for accessing academic accommodations.

Academic Misconduct Policy

Consistent with the University of Toledo Academic Dishonesty Policy (3364-71-04), a grade of zero will be given for any assignment on the first offense of giving or receiving substantive aid (such as copying) during the course of the assignment. A failing grade for the course will be given for the second offense.

A grade of F for the course will be assigned for cheating on any exam. This includes but not limited to: communicating during an examination in any manner with any unauthorized person concerning the examination or any part of it; and giving or receiving substantive aid during the course of an examination. Dismissal from the University will be recommended for any student with a documented record of prior academic misconduct.

If you have any questions regarding this policy, please contact the instructor.