
Monday, 5:00 –8:00 pm, Sec-207

Instructor: Prof. Alex Neimark, http://sol.rutgers.edu/~aneimark/
Instructor Contact: aneimark@rutgers.edu, Department of Chemical and Biochemical Engineering, C258
Course Sakai Website: https://sakai.rutgers.edu/portal; tab16:155:514 S15.
Teaching Assistant: Rich Cimino, C256, richardtcimino@gmail.com
Office Hours: Friday, 2:00 – 3:00 pm, C256/258; sign-up by email is mandatory

Grading Policy: Two Tests (70%); Homework (10 sets) and Class Participation (20%); Term Project (10%).

Textbook:

Reference Materials:
Ø Fogler’s Professional Reference Shelf website: http://www.engin.umich.edu/~cre/bychapter/prof/frames.htm

Prerequisites: Undergraduate class on chemical engineering kinetics or equivalent that would cover material from Fogler textbook, Chapters 1-3, 4.1-4.7, 5, 6.1-6.6, 7.1. Ability to use standard software for engineering calculations like Matlab or equivalent is the must. Students are strongly advised to review this material prior to taking this class.

Topics Covered


Important Dates

Jan. 26 – 1st class
Mar. 9 – Midterm Test 1. Reaction kinetics
Mar. 15 - 23 – Spring break
Apr. 27 – Final Test 2. Reactor design
May 11 – Presentation of term projects