ManuTech III

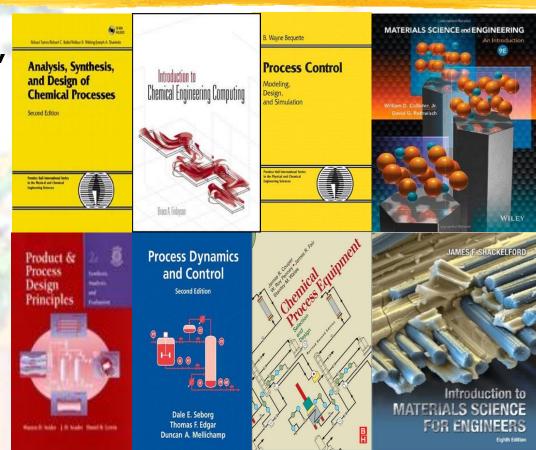
- Process Control Introduction
- Syllabus
 - Flowsheeting, Flow Diagrams
 - Material and Energy Balances
 - Unit operations
 - Heat exchangers
 - Distillation columns
 - Crystal Structures

Class Schedule

- Two lectures with Adrienne
- Two hours a week with me:
 - Monday 13:00 room TN-301
 - Tuesday 14:00 room 142
 - Have tutorial once every two weeks
- Labs Tuesday 10:00 room 116

TextBooks

- Analysis, Synthesis, and Design of Chemical Processes, Second Edition, by Richard Turton
- Chemical Engineering Computing by Finlayson
- Product and Process Design Principles, Second Edition, by Seider, Seader, & Lewin
- Process Dynamics and Control, Second Edition, by Seborg, Edgar, & Mellichamp
- Process Control, by Bequette
- Chemical Process Equipment, Couper, Penney, Fair & Walas
- Materials Science and Engineering, Callister
- Materials Science for Engineers, Shackelford
- Books expensive, but look on books.google



Assessment

- □ January Exam 50%
 - Common paper for Adrienne and me
- Midterm 15%
 - 10% for Adrienne's ½ of course
 - 5% for Process Technology ½
 - Series of multi-choice online quizzes
- Labs 35%

Brightspace

You're enrolled already

Brightspace

- brightspace site contains:
 - Course announcements
 - Lecture notes
 - Past papers
 - Tutorial Sheets
 - CA Quizzes
 - Upload points for lab write-ups
- Same brightspace site for both Adrienne and Eugene