

Quote

"I urge you not to take counsel from your fears. I hope you will not say, 'I'm not smart enough to study chemical engineering; hence, I'll study something less strenuous.' I'll choose the easier way.' I plead with you to choose the hard way and to tax your talents. Our Heavenly Father will make them equal to your tasks."



Elder Thomas S. Monson
New Era, November 1979

Exam 1

- Testing Center
- Today thru Monday
 - No class on Friday
 - Be careful of when the testing center closes at night
- 2-hour time limit
 - Penalty of 1 point per minute
- Closed book, closed notes
 - Data and conversions provided (don't memorize the table)
 - One 3x5 card with notes on both sides
- Help Sessions
 - Today - Matt - 4-6 pm 256 CB
 - Thursday - Payden - 2-4 pm 256 CB
 - Saturday - Spencer - 9-11 am 256 CB
 - Saturday afternoon - Allen Black, TBA
- Come see Dr. Fletcher at other times

Testing Center Hours

Testing Hours

	Doors Open	Last Test Handed Out	Test Collected
Today Wed, 27 Jan 2016	8:00 am	9:00 pm	10:00 pm
Thursday Thu, 28 Jan 2016	8:00 am	9:00 pm	10:00 pm
Friday Fri, 29 Jan 2016	8:00 am	9:00 pm	10:00 pm
Saturday Sat, 30 Jan 2016	10:00 am	3:00 pm	4:00 pm
Monday Mon, 1 Feb 2016	8:00 am	6:00 pm	7:00 pm

Level 3 Competencies

- Students will be able to use basic engineering units in both SI and AES systems in solving problems, and be able to convert between unit systems by hand
- Students will be able to solve steady-state, overall material balances for systems which include one or more of the following: recycle, multiple units.

Level 2 Competencies

- Students will be able to set up and solve simple transient material balances.
- Students will be able to use a degree-of-freedom approach to assist in the solution of material balances.
- Students will be able to solve simple fluid statics problems (e.g., manometers, fluid head, etc.)

How Should I Study?

- Make sure you know what is on the competency list
- Principles behind each homework problem
 - Answer keys are posted on Learning Suite
- Practice Exam (on web page)
 - Try this after you study
 - Final answers provided, but not the steps
- Read the book!

Exam Tips

- Read all questions first
 - What concept is being tested?
- Work simple problems quickly (look at point distribution)
- Set up longer problems (but no numbers)
- Finish working problems you can (remember partial credit helps a lot)

Additional Exam Tips

- Write legibly!!!
- Circle answers!!!
- Make sure you answered everything that was asked!!!
- Make sure you included units in the answer!!!
- Does the answer make sense???