

Unit 8: Combined material & energy balances

Reminders

- Homework 7 will be posted today and is due on Wednesday, November 27 (midnight)
- Quiz 3 (units 6 and 7) is on Friday, December 6

Announcements

- Will hand back the exams after class

Day	Time	Location	Personnel
Monday	4 – 5 PM	AW Smith 105	Duval
Tuesday	1 -2 PM	AW Smith, 152	TA
Wednesday	3:30 – 4:30 PM	AW Smith, 147	Duval
Thursday	2:30 – 3:30 PM	AW Smith 152	TA

Midterm Statistics

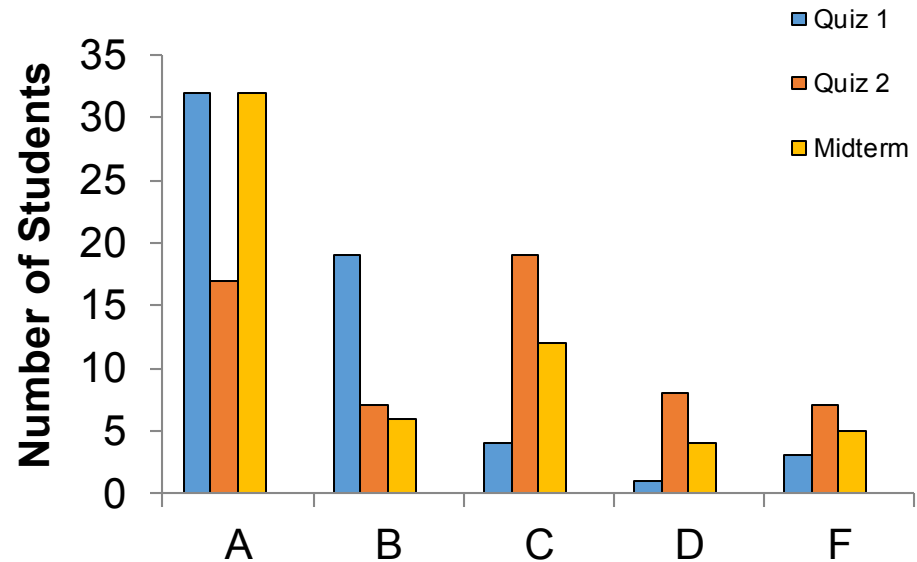
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Midterm

- Mean: 84
- Median: 90

Quiz 2

- Mean: 77
- Median: 77



Most common errors

3

- Equations of State
 - ▣ Using $PV=nRT$ vs. $PV=znRT$
 - ▣ Using EOS vs. density/MW

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After this course, students should be able to:

- Apply the general problem solving procedure to perform material and energy balance calculations on chemical processes with chemical reactions and phase change