

CHEM 31B (90553): General Chemistry Fall 2017

I. Lecture

Lecturer: Erik Ruggles, Ph.D.

Office: Hills 105

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Office Hours: T Th: 10am-12pm, 2pm-4pm
W: 8:30am-2pm
or by appointment

Lecture Time: T Th 8:30 9:45 am

Location: Marsh Life 235

Lecture: The lecture each week will be used to cover new material and concepts along with sample problem solving. Live lecture notes I present in class will be posted on Blackboard (BB) after each class.

Textbook: There are three options to purchase nd Ed., by Tro
(Full text ISBN-13: 978-0-13-429393-6) along with Mastering Chemistry online access. 1) It can be
p

II. Laboratory

Lab Manuals: All experiments can be found online on your BB

III. Course Grade

Percent Ranges for Grades:

	A-	85	B-
C-			

2) Laboratory = **250 lab points** (25% of grade)

Safety Quiz	1 point
Prelab (3 pts/per)	27 points
Lab Reports (15 pts/per)	100 points
Quizzes (8 pts/per)	<u>72 points</u>
	250 points

3) Course Grade Determination

Add up your points from class and lab and then use the chart at the beginning of this section to determine your course grade.

Example 1:

$$\begin{array}{r} 590.0 \text{ class points} \\ + \quad \underline{200 \text{ lab points}} \\ \hline 790.0 \text{ total points} / 1000 \text{ points} = 79.00\% \text{ B-} \end{array}$$

Example 2:

$$\begin{array}{r} 537.5 \text{ class points} \\ + \quad \underline{200 \text{ lab points}} \\ \hline 737.5 \text{ total points} / 1000 \text{ points} = 73.75\% \text{ C+} \end{array}$$

To summarize:

[(Ex1 +

IV. Lecture Schedule and Chapter Homework

Exam 1 September 18

Exam 2 October 16

Exam 3 November 13

ACS December 4 (extra credit)

Final December 12 (Marsh Life 235; 7:30-10:15 am)

<u>Dates</u>	<u>Chapters</u>	<u>End-of-Chapter Homework Problems</u>
Aug. 28 - Sept. 1	E and 1	ChE: 19,21,23,25,27,29,33,37,39,41,45,47,49,51,53, 55,59,61,65,71,73,75,79,81,87,89,91,95,99, Ch1: 35,39,43,45,49,53,55,57,59,61,63,65,67,71,75, 77,79,83,85,

V. Laboratory Schedule

<u>Date</u>	<u>Experiment</u>	<u>Description</u>
Aug28 Sept 1	No Labs	Purchase lab manual and safety glasses On Blackboard, review and complete the Safety Presentation and Safety Quiz
Sept 4 8	No Labs	<i>All above must be completed before the first laboratory period</i>
Sept 11		

