

# CHEM 32 (60067): General Chemistry Summer 2017

## I. Lecture

**Lecturer:** Erik Ruggles, Ph.D.

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**Office Hours:** Mon-Thurs, 12:00pm – 1:00pm

**Lecture Time:** Mon-Fri, 9:00am – 12:00pm

**Location:** Stafford 101

**Lecture:** The lecture each week will be used to cover new material and concepts along with sample problem solving. My class lecture notes for the entire semester are posted on Blackboard.

**Textbook:** “Chemistry An Atoms-Focused Approach” 3<sup>rd</sup> Ed., by Gilbert (Full text ISBN: 978-0393912340) can be purchased at the UVM bookstore. The solutions manual comes with the text and has the odd numbered solutions to all the assigned problems. The study guide while not required can be a great help during problem solving. There is also an online eText available from [wwnorton.com](http://wwnorton.com).

**Problems:** Problem sets will be assigned after each lecture and a complete list for the textbook can be found on page 5 of the Syllabus. I strongly encourage you to do as many problems as possible, the more you practice the better you will get. Also, blank old exams from my 2016 and 2015 classes as well as their answer keys are posted on Blackboard. These are a great way to evaluate what you understand and what you do not. Remember though that test questions will change but the format and concepts will remain the same. ***Do not study with just the old exams!*** Also there are sample homework problem videos posted on Blackboard for extra “at-home” help.

**Recitations:**





2) Laboratory = **200 lab points** (20% of grade)

Prelab (2 pts/per)	20 points
Lab Reports (10 pts/per)	100 points
Quizzes (8 pts/per)	<u>80 points</u>
	200 points

(Obtained from the lab TA, the average grade is normally an 80% or 160 points)



August 7	17	
August 8	17 and 21	Ch21: 9,19,24,26,28,33,39,41,47,49,65,68,77, 81,91,96
August 9	21	
August 10	21 and review	
<b>August 11</b>	<b>Final Exam</b>	<b>Cumulative</b>

## V. Laboratory Schedule

<u>Date</u>	<u>Experiment</u>	<u>Description</u>
July 17	<b>Check In</b>	Purchase breakage card, lab manual and safety glasses
	Recitation 1	On Blackboard, review and complete the Safety Presentation and Safety Quiz (Chap 11)
July 18	Experiment 1 Recitation 2	Molar Mass from Freezing Point Depression (Chap

