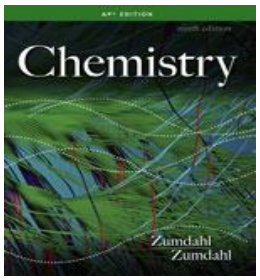
AP CHEMISTRY

Course Introduction

Welcome to AP Chemistry! This class is a college level course that will be time consuming and challenging in ways you may have never experienced before. In order to succeed in AP Chemistry you must be willing to spend at least 1 hour every night (7 days a week) reading the textbook, outlining the chapters, studying your notes, and doing practice problems. Having a network of friends to study with is going to be an essential part to learning the material, so find a few friends enrolled in the course and start studying this summer! AP Chemistry is a 2nd year chemistry course. It is crucial that in addition to completing the summer assignment you also spend time reviewing all the material you learned in your 1st year of chemistry. **You are expected to come to class on the first day of school with a good foundation of the material covered in chapters 1-4 of the textbook. An exam will be given in the beginning of the school year to test your knowledge of these chapters.** Keep in mind that there will be NO WITHDRAWLS or DROPS after the first week of school, if you do not spend the time this summer to properly prepare yourself for AP Chemistry you may find yourself struggling from the very beginning. To succeed in AP Chemistry it is imperative that students be highly self-motivated learners that have the ability to think critically and problem solve on a higher level. AP Chemistry is designed to develop concepts on both a mathematical and conceptual level. Students must have the ability to manipulate and solve problems and be able to convey their ideas in proper written form. Most students do NOT get an 'A' in AP Chemistry. Don't let this discourage you; if you are dedicated and ready to persevere through all the challenging concepts that AP Chemistry has in store for you than you have the potential to succeed in this course. Just remember, as hard as this class gets and as stressed out as you become, giving up is not an option. Have a great summer and I look forward to passing on my knowledge to you this upcoming school year!

Textbook Checkout Procedures

- Check-Out Location: Library
- Check-Out Date: Thursday June 20th (1:45pm—3:00pm) & Friday June 21st (8:00am—11:00am)—*services closed during summer*
- You must have your ID card
- All other books must be returned to the library before you can check out summer textbooks
- The books are NEW ☺ please cover your books with a paper bag to protect them… they need to last for several years!!!



Chemistry (AP® Edition), 9th Edition

Steven S. Zumdahl; Susan A. Zumdahl
ISBN-10: 1-133-61110-9
ISBN-13: 978-1-133-61110-3

Online Summer Assignment

- Required for Points. Must be complete by the date specified on the HW calendar. NO EXCEPTIONS.

Assignment	Due Date	Total Points
Read & Outline Chapters 1-4 (Textbook)	Not Collecting	0
Chapter 1 #27-101 (odd only) & AP MC Review #1-10 (Textbook)	1st Day of School	5
Chapter 2 #17-101 (odd only) & AP MC Review #1-16 (Textbook)	1st Day of School	5
Chapter 3 #23-125 (odd only) & AP MC Review #1-17 (Textbook)	1st Day of School	5
Chapter 4 #23-109 (odd only) & AP MC Review #1-15 (Textbook)	1st Day of School	5
Lab Safety Exam (eTUSD)	August 22nd	3
Student Information Sheet & Signatures (eTUSD print & turn in)	1st Day of School	2

Important Things to Remember

- I do not accept excuses for lack of internet access or being on vacation. Plan accordingly so your summer assignments are completed by their due dates.
- The summer assignment is meant to help you prepare for the test you will take during the first week of school. The more effort you put into your preparation over the summer the more likely you will be to succeed on your first exam in AP Chemistry. Take the assignments seriously… it's not just about points… it's about learning!
- Find the style of studying that works best for you and don't procrastinate!
- Announcements & handouts are posted on eTUSD and you are responsible for knowing the most up to date information.
    - Check eTUSD regularly (especially during the last few weeks of summer) to have the most current information.

Textbook Assignment

- It is highly suggested that you study the images & tables in your textbook (Ch 1-4) to help you visualize the content
  - The AP test is big on particulate models (pictures of atoms), data tables, and graphs
  - Mr. Williams will put particulate models, data tables, and graphs on all of the chapter tests… be prepared!
- I am not collecting the reading and outlining, that is just to help you prepare. You can use any format you want for the outlines.
  - It is important to get used to reading and outlining your textbook since this will help you tremendously throughout the school year.
- The chapter questions and AP MC Review questions are at the end of each chapter. These are worth points and I will be collecting them on the first day of school.
  - Use a new piece of paper at the beginning of each chapter and title with the chapter number (Ex: "Chapter 1") really big in the top margin of the first page.
  - Highlight the number for each question number so it is easy to locate when I am grading the assignment. Ex: 1)
  - You must show all your work for math problems and box your final answer. Include units in your work!
  - Use the values on the provided periodic table and reference sheet. Use Significant figures for all problems!
  - You must write in complete sentences for all short answer questions. Limit your responses to 2-3 sentences.
  - For the AP MC Review, you must explain your choice (why it is valid and the others are invalid) – don't just list a letter or you will not receive credit.
- All the answers are in the back of the book. You must check your answers during the summer to determine if you got the problems correct. If you get the problems wrong, determine your error and study the content until you understand how to do the problem correctly.
  - Remember the purpose of the summer assignment is to STUDY the material so you can succeed on the exam you will be taking during the beginning of school.
  - The points are based on doing the work and not whether you get the answers correct. Try your hardest to use the problems to guide your studying throughout the summer.
- Please come to class with the textbook assignment already labeled with the chapter #'s and stapled together (by chapter) with your name on the first page of each chapter. This will make it easier to collect on the first day of school.

Enrolling into etusd (available June 27th)

- Go to www.eTUSD.org
- Select the following: My Courses→High School→West High School→Science→AP Chemistry—Mr. Williams
- Enter Enrollment Key "Tellurium"
- Look through the Tabs at the top of the page to familiarize yourself with my eTUSD course page
  - Course Documents tab is where you will find the Student Information Sheet
  - Activities tab is where you will find the Lab Safety Exam
    - Study the lab safety study guide & equipment list before you take the exam
    - You can take the exam as many times as you need to obtain a passing score (95% or higher)
    - Spelling counts!
    - You do not need to print proof of your score. I can check your score online through eTUSD.

☺ Email Mr. Williams over the summer if you have any questions ☺

Williams.Chad@tusd.org