

Summer Assignment 2018

Chemistry II Advanced 545

Mrs. Cheryl Ducharme

Welcome to Chemistry II Advanced (545). I am both honored and excited to be your teacher for the next school year.

The textbook we will be using is *Chemistry, the Molecular Nature of Matter and Change* (Seventh edition) by Martin S. Silberberg, B.S., and Ph.D. This text is used by many schools preparing for the AP Exam in Chemistry, and is listed as a textbook option by the College Board. After the first week of class, you will also be required to have an AP Chemistry Review book. While you will be encouraged to prepare for the AP Exam, this is not a requirement for this course; however, a review book is still necessary in order to complete the work I will be assigning. Please consider purchasing both a used textbook and a used AP book. The 2016 edition of the AP book is still valid. Both books may be acquired from my current class, or online. You do not need to purchase a Lab Manual; lab experiments and any supplemental materials will be provided throughout the year.

In order to get started on the volume of material I hope to cover (I am an optimist), I have prepared the following summer assignment. A portion of this work involves reading, and while I encourage it, you are not required to outline chapters in this course. Any written work will be discussed and collected on the **first day of class**, and will be graded.

1. Please read the Preface located immediately following the Table of Contents. This is an excellent way to acquaint yourself with how this book is organized. Also, please note the charts and reference tables located before Chapter 1.
2. Please read and review the following:

Chapter 1- Keys to the Study of Chemistry

Chapter 2- The Components of Matter

Chapter 3- Stoichiometry of Formulas and Equations (sections 3-1, 3-2, and 3-3 only).
3. Please complete all the circled questions and problems in the attached packet.
4. Please read the attached experiment- *Working in the Chemistry Laboratory*.
Come prepared to work in the lab on the first day of class. (This means appropriate footwear, and a way to tie your hair back).

On the first day of class, I will collect the problems in the packet, and we will begin to review the

above chapters. This represents most of what we covered in Chemistry I, so we will have a test on all this material after I return your work and address any questions- plan for the end of the first week of school.

Also on the first day of class, we will begin the attached experiment. This will involve two lab sessions, and a lab report. I will go over particulars; however you must pre-read this activity in order to be prepared (remember, you will not be working with a lab partner).

Good Luck with your summer assignment !! If you have any questions, you can reach me via the school email. My address is: cducharme@nda-worc.org.

Have a safe and happy summer vacation !!!!!!!

Mrs. Ducharme