

AP CHEMISTRY — 2008–2009

INSTRUCTOR: Mr. Brian Hatak

TEXT: GENERAL CHEMISTRY, Whitten, Davis, Peck, Stanley, 7th edition, 2004 (ISBN = 0-534-40860-5)

GRADING POLICY:

Exams40%

Quizzes25%

Labs25%

Homework and Comp Book..10%

One drop grade will be allowed per semester, provided all work is turned in and conduct is satisfactory. **(Exam grades excluded)**

To receive credit, all work must be turned in on time. Late work is not accepted. However, if the student is absent on the day of an exam the make-up session is on the following Thursday after school. Students need to make up lab assignments as soon as possible. Please see me about this when it comes up. Lab reports and quizzes will be turned in or made up on the day that a student returns from an absence. If the student is gone for a lengthy absence then arrangements need to be made with me, preferably prior to the absence.

Materials:

Since AP Chemistry is a rigorous class, it is essential that you are organized. Please have these on the first day of class.

Required supplies:

- Pen and pencil (daily)
- Graphing or scientific calculator (daily)(TI 80 something)
- Flash Drive
- Textbook
- 1 Inch Lab Binder
- 2 Composition Notebooks one for notes and the other for lab

HOMEWORK:

Composition Notebook

Purchase a bound Composition Notebook (the black and white covered ones from Office Depot or other stores) for class. Comp books are bound so that you cannot tear out the pages. It would be the most beneficial to purchase a comp notebook that has college ruled lines. You will probably need two throughout the year, so if you are a planner, go ahead and buy them.

We will take all of our notes from the book in this comp book. For each chapter an outline will be provided to guide you in completing your notes. **You** are responsible for getting the information on the odd pages **BEFORE** the lecture and in class (or via podcast) I will help explain what you have learned on the even pages. This means that you need to come prepared to class with your notebook already completed with that day's assignment.

Instructions For Setting up your Composition Notebook

1. You are to number your pages in your COMP book as indicated on your notebook outline, which you will receive in class or obtain from the class webpage. The **left** side of your notebook (the back of the page) should be numbered with an odd number (1, 3, 5, etc.) and the right side (front) will be numbered with an even number (2, 4, 6, etc.)
2. Each 2-page section will cover one objective. Objectives are found typed under the heading in each section. Sometimes a section will take more than one page (especially sections involving mathematical equations).
3. After each chapter you need to leave four pages of blank space. This is for extra notes and information that might spill over. At the beginning of the next chapter, make a title page and begin you numbering from 1 again.

4. You will also be using the back of your comp book for important equations, charts, etc. I will give you these charts and you will simply tape them in the back.

The Comp Book will be checked daily and graded. Also, **homework quizzes will be given and graded** periodically. Be prepared each day for a homework quiz over the material covered in the previous day's class. Answers can be found in the AP Chemistry notebook in the science office or on Mr. Hatak's website. The best way to prepare for exams is to keep up with homework assignments. If something is unclear, please make an appointment to see me outside of class time or arrange a study session with fellow students. Your goal in completing homework assignments should be the understanding and application of chemical principles, rather than accumulation and memorization of facts. It would be to your advantage, at this time, to form a study group with AP students in your neighborhood.

LABORATORY WORK:

Each student is responsible for completing all experiments assigned. For the sake of systematic record keeping, you will be required to keep a lab notebook as well as write a formal report for each experiment performed. The formal report will be due the Thursday following the date of the experiment. The lab grade will be determined on the following basis:

Performance of experiment25%
Formal Report75%

A detailed explanation of the notebook format and formal report will be given to you when you return to school.

ACADEMIC DISHONESTY:

Students are responsible for acting with honesty and integrity. Dishonesty includes: use of unauthorized assistance or collaboration in taking quizzes or examinations, completing homework, papers, projects or lab reports.

Please see Student Handbook, pp 22-23A, for complete Arapahoe Dishonesty Policy.

ADVANCED PLACEMENT CREDIT:

Being labeled advanced placement implies that this course is designed to take the place of a college credit course. A college text is used, college level labs will be performed, and college level tests will be administered. By its nature and description, the class requires the maturity of a college level student. **Please be prepared to work hard!** All students will be asked to commit to taking the AP exam in **May, 2009.**

PURCHASE OF BOOKS:

It is strongly recommended that you purchase your chemistry book. Books can be purchased at a considerable discount by shopping online. Refer to the ISBN number at the top of this page. Be sure to get the correct book. By purchasing your own textbook, you will be free to highlight important text, take notes in the margin, circle assigned problems, etc. The book will be a valuable reference book for college. If you decide **not** to purchase the book, **please see Mr. Hatak before you leave school for the summer. You will need a copy for the summer assignment!**

Summer Assignment 2008

We apologize for the summer assignment. However, due to the early date of the AP exam and the loss of class days due to CSAP, SAT, etc., we have found that there is insufficient time to cover all the material necessary and have time for review in the spring. We hope that you will do your best to be prepared for the first test which will cover the chapters 1-3 during the first week when you return to school on Aug.

Date	Chapter	Assignment
Aug. 18 – Sept. 2	1	#23, 25, 26, 27, 28, 29, 34, 41, *45, 48, 49ab, 57, *68 (13)
	2	#3ad, 4, 5, 11, 14, 15, 22, 23, 30, 33, 37, 38cde, 47, 49, *52, 61, 65, 68, *69, 77, 86, *96, 99 (23)
	3	#4, 7, 9cde, 13, 17, 29, *31, 35, 38, 41, 42, 48, 52, 57, 63, 65, 67, 71, 72, 75, 77, 79, 81, 95, 97 (25)

Beginning in late June, you will find information for the notes on this material on the class webpage. Please refer to the PodCast on setting up the Composition Notebook and the first three chapters material in June!

In addition to this assignment, you are required to memorize the information on both sides of the “Common Ions and their Charges” handout. A quiz over this material will be given on the first day back to school.