

Welcome to Advanced Placement Chemistry!

Dear Prospective AP Chemistry Student,

I am looking forward to an exciting year of AP Chemistry starting in the fall. I really love chemistry and I am excited that you have chosen to deepen your understanding of science by taking AP Chemistry. AP Chemistry will challenge your academic abilities. Since this is a college-level course taught in high school, it is very demanding, both in time and effort required. Homework will be assigned daily, and may include problem sets from the textbook, pre-lab or post-lab analysis questions, or AP exam review materials. Laboratory activities will occur weekly and will require more detailed analysis than what was required in general chemistry. The amount of work outside of class depends upon background of each student; however, you should be prepared to spend about 30 minutes to an hour on AP Chemistry homework daily. If you are heavily involved in after school activities and/or jobs, you will need to budget your time carefully. I am very willing to work with you to support you during this demanding course. I am here as a resource to help you learn chemistry and develop as a student.

AP Chemistry looks great on your transcript. Colleges and universities look for ways that students have distinguished themselves in high school. Taking challenging courses, like this one, and performing well on the AP exam will help you distinguish yourself when applying for college or scholarship funds. This course will also allow you to achieve college credit while still enrolled in high school. This may save time and money. AP Chemistry is eligible to earn college credit by passing the College Board AP Chemistry Exam and through Clackamas Community College. Some students who pass the AP Exam may elect to take first year college chemistry anyway - in which case they will likely find the material a review and easily achieve top grades in the course.

The attached summer assignment is a review of concepts covered in Chemistry A and B. You are encouraged to use the AP Chemistry textbook (Brown & LeMay, "Chemistry: The Central Science"), your notes or materials from Chemistry A and B, and Internet resources for help completing the assigned problems. Your summer assignment is due on the **first day of school** in September. Your assignment should clearly indicate each chapter exercise. Your assignment should represent your original work (not a copy of another person's work). All calculations must be shown with units included on all answers and values used in a calculation.

Before you leave school for the summer, please sign up for **Google Classroom** and check out a textbook from the library. I have broken the assignment into several parts with "due dates" two weeks apart. These due dates are provided to give you guidance for how to pace yourself through the assignment. You may need to adjust when you do the work to accommodate summer trips and activities. I will use Google Classroom to post hints, resources, and selected solutions for assigned problems close to each due date. There are also tips for using the textbook given at the end of the assignment timeline. Please do not hesitate to email me about any concerns or if you get stuck. I will respond as soon as possible.

Have a safe and enjoyable summer. I am looking forward to seeing you in September.

Sincerely,

Ms. Kilpatrick

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