

AP Chemistry 2019-2020
Hamilton High School
Mrs. Loutzenheiser

Introduction

Welcome to AP chemistry! This is a challenging college level chemistry course intended to deepen your knowledge of chemistry. In this class, students will be consistently using critical thinking skills, writing, presentation skills, and collaborative learning as tools in learning chemistry. Below you will see my procedures for the classroom. Please read each section carefully, make sure you understand it and let me know if you have any questions.

This is a college level course!!!!

This is not intended to scare you off, but you must be prepared to work very hard in AP chemistry. The course material is very challenging, and homework will be assigned every night. Many students may need to come in after school for help. I would encourage students to form study groups (this is very commonly done in college). The culminating activity of this course is the AP Chemistry test. I have adopted a special grading policy to encourage students to take the test. (This can be seen later in the grading policy portion of the syllabus.)

- ❖ This course is designed to prepare students for the AP exam in May 2020. This test will be the driving force for the curriculum taught throughout the year as well as the culminating activity for the year's lessons. Later in the course information will be given regarding college credits that can be earned from a passing score on the AP test.

Materials needed for AP Chemistry

Text
The class text is *Chemistry 7th Edition* by Steven Zumdahl. Students should take this book home and use it regularly for reading materials, references and to complete homework assignments. This book will become your friend!!!!

Lab Book – Carbonless copy Lab books can be purchased from the bookstore. Students may use composition lab books, but should be prepared to make copies of each lab to turn in. All labs should be done in this lab book. Labs on loose leaf paper will not be accepted.

Calculators – A TI-83 plus or similar calculator is strongly recommended. A scientific calculator will also work. Students will be most successful if they bring their own calculator to use on a daily basis.

3 ring binder or folder – A 3 ring binder or folder can be used for notes, handouts, and homework

Dual Credit

College credit can be earned for this class via Chandler Gilbert Community College and is taught 1st, 2nd, and 3rd period by Mrs. Nipar as well as 4th, 5th and 6th period by Mrs. Loutzenheiser. The equivalent classes are CHM 151, CHM 151 Lab, CHM 152 and CHM 152 Lab. Each semester is worth 4 credits, with a total of 8 being earned for the entire year. Information will be given out shortly for how to register if interested. Registration will take place only at the beginning of the year.

Class and Lab Rules

AP Chemistry is a lab class. Therefore, the class must be very organized to ensure the safety of all students. The class rules are as follows:

1. Follow all school rules.
2. Always follow directions.
3. Do not leave your seat without permission.
4. Raise your hand to ask a question or make a comment.
5. Begin working on the warm up when the bell rings.
6. Copying from another person's paper or notebook is never acceptable.
7. Do not talk when others are talking.

The rules for labs and activities are as follows:

1. Always follow directions. If you do not understand the directions, ask the teacher.
2. Stay at your assigned lab station at all times.
3. Absolutely no food, gum or beverages at the lab stations.
4. The student should pay for any lab equipment broken due to negligence.
5. Specific Chemistry Lab Rules will be discussed throughout the year.

The consequences for not following rules in the classroom or lab will vary. In most cases, a verbal warning will be given and documented. If the problem persists, students will be sent out of the room and parents contacted. If the problem continues, the student will be sent to the office for disciplinary action. In the case of serious first offenses, students may be sent directly out of the room or to the office.

Tardy/Attendance Policy

Students are expected to be in their seats and ready to work when the bell rings.

Excessive Absences

A.R.S. §15-803 (B) states that absences may be considered excessive when the number of absent days exceeds ten percent of the number of required attendance days prescribed in A.R.S. §15-802. Ten percent equates to nine (9) days of absences per semester regardless of whether they are excused or unexcused. Students with excessive excused absences will be required to provide medical documentation to remain in class and excuse any further absences. If additional absences occur, and medical documentation is not provided, the student will be referred to administration.

Grading Policy/Parent Portal Access

Student grades will be determined by the following criteria:

Warm Ups Quizzes and Homework packets– 15%

Labs – 25%

Tests and Quizzes – 60%

Semester grades are cumulative accounting for 80% of the student's grade and the final exam is 20% of the final grade.

Grading Scale – Per district policy

90-100% A

80-89% B

70-79% C

60-60% D

0-59% F

Parent Portal Access: Parents can access student grades through Infinite Campus.

If you do not have an Infinite Campus account, create one by:

* Step 1: Enter Your Email Address that you provided to your child's school

* Step 2: Click Submit

* Step 3: Open the email from Campus No Reply - campus@smtp2.cusd80.com (You may need to look in your spam or junk folder) and click on the link provided.

* Step 4: After clicking on the link from the above step, you will enter in a password and then click Create My Account.

* Step 5: Login to the parent portal with your new account.

Warm ups – These are small daily assignments that are to be done at the beginning of the period. They usually review concepts learned the class period before. Warm ups are graded for completeness and correctness and collected every two weeks.

Homework – Homework Assignment Calendars (as well as other important information) will be made available on my website: www.cusd80.com/Page/68841

Homework will be assigned on a daily basis. Homework calendars will be provided for a three-week period of time. Students should follow and complete the homework assignments for the beginning of the next class period. Homework will be graded in the following manner:

Each assignment will be worth 5 points, and points will be awarded according to the following criteria:

0 points – not attempted

1-4 points – attempted, actual number will be determined by the attempt

5 points – answered correctly, completely done

At the end of each chapter students will hand in a packet of homework assignments, these will be totaled and entered into the grade book as the homework for that chapter. No late homework will be accepted.

Homework is especially important in this course due to the fast pace of the content. Students will be expected to present homework problems to the class periodically throughout each quarter.

Notes – Outlines for notes for each chapter will be given before the chapter discussion starts in class. Students will be assigned reading from the book and note completion assignments throughout the chapter. These assignments will also be graded on a five-point scale. Completed notes will be handed in with the homework upon the completion of a chapter. Packets will be handed back very quickly to allow students to study.

Labs – Labs are an opportunity to reinforce concepts and make connections between macroscopic and microscopic environments. Labs are essential to developing critical thinking skills and therefore a big part of AP chemistry. All labs should be done in one lab notebook and completed in pen. Although labs are done in groups, all lab write-ups must be done individually. Any one found copying lab work will be considered cheating. If data must be shared, please let me know before hand so that I don't assume you are cheating. Lab format will be discussed before the first lab is due. All labs must be turned in on the date assigned. No late labs will be accepted.

Tests – Tests will be given at the end of a unit. All tests will be designed to mimic the style of the AP test taken at the end of the year. Students should use the book, notes, and homework assignments given during the unit to study for the test. Study sessions will be announced prior to each test. Students are encouraged to attend.

Grades – Assignments will be graded, recorded and handed back to students throughout the year. Tests and quizzes may not be taken home, but students will be permitted to see them in class. Grades can be checked on STI and will be posted periodically in class. Parents will be formally notified of grades at progress report and report card time.

- ❖ Grades will be cumulative. The final exam will be worth 20% of the semester grade.
- ❖ AP Test Adjustment – Students that pass the AP Chemistry test (scoring a 3, 4, or 5) will be eligible for a grade adjustment for both semesters. The adjustments are as follows:
 - ❖ 3 – 3% added to each semester
 - ❖ 4 – 5% added to each semester
 - ❖ 5 – 7% added to each semesterIf this adjustment changes the letter grade for the semester, the grade change will be submitted to the registrar at the beginning of the following school year.

Phone Policy

Cell phones are a great convenience in everyday life but become a headache in the educational setting! If a phone goes off in class or a student is using a phone in class, the phone will be confiscated and taken to security. Subsequent occurrences may result in a referral written to the appropriate grade level administrator. During tests students will be expected to turn off their phone and place it on their desk. Any students found using a phone during a test will receive a **zero** on the test.

Late work and Make up work

Late homework will not be accepted. Any missing homework will be a zero.

Labs may not be turned in late.

Anytime a student is absent it is his/her responsibility to get make up work. This can be accomplished by meeting with me before or after school or getting a pass to meet during conference period. If a test or quiz is missed, the students should make plans to make up the test or quiz during the times mentioned above. According to the student handbook, students have as many days as they were absent to make up missing work.

Diversity Statement

- All individuals have a right to an educational environment free from bias, prejudice and bigotry. As members of the Hamilton High School educational community., students are expected to refrain from participation in acts of harassment that are designed to demean another student’s race, gender, ethnicity, religious preference, disability or sexual orientation.

Conclusion

Thank you for taking the time to read through this information. I hope I have successfully communicated with you the class policies that will be used throughout the next year. If you have any questions please feel free to email me at Loutzenheiser.sara@cusd80.com

Thank you, Mrs. Loutzenheiser

Please sign below indicating that you have read the course syllabus.
Also please initial where indicated.
Thanks!!!! Mrs. Loutzenheiser

- Print student name _____

Student Signature _____

Also, please initial that you have read these specific policies:

Late homework policy _____
Late Lab policy _____
Phone policy _____
Dual Credit opportunity _____

- Parent Signature _____

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