



LOS ANGELES UNIFIED SCHOOL DISTRICT

## ***Chatsworth Charter High School***

### **G+STEAM Magnet**

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Principal

## **AP Chemistry Syllabus**

**rev. Fall 2023**

**Miss Tashjian (Rm H-62)**

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Dear Parents/Guardians and Students,

Welcome to the 2023-2024 school year at Chatsworth Charter High School. My name is Miss Tashjian and I have the greatest privilege of being your AP Chemistry teacher this school year. I am excited for this class and looking forward to working with your students this year.

**Office Hours: Monday-Friday 7:30AM-6:30PM.** Office hours are times when instructors have an “open door” policy and are *available* to answer any questions you have about the material. Please try your best to contact me during these hours. It is easiest to reach me through email, [sareen.tashjian@lausd.net](mailto:sareen.tashjian@lausd.net), or using Remind.

## **Course Description**

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The AP Chemistry course is a college-level course, and you are expected to have mastered the content and skills from Honors Chemistry during the prior year. This class aims to prepare you to be successful on the AP Chemistry Test by giving you a strong foundation of the conceptual descriptions, analytical skills, laboratory experience, and computational framework to describe the world around us. Because of these aims, the course is aligned to College Board’s AP Chemistry Curriculum Framework. Strong math skills (you should have completed Advanced Algebra or Math II+/III) are required.

The class covers the following units throughout the year (*order may be subject to change*):

### Semester 1

- Unit 1 – Atomic Structure & Properties
- Unit 2 – Molecular and Ionic Compound Structure and Properties
- Unit 3A – Intermolecular Forces and Properties
- Unit 3B – IMF Cont.
- Unit 4 – Chemical Reactions
- Unit 5 – Kinetics

### Semester 2

- Unit 6 – Thermodynamics
- Unit 7 – Equilibrium
- Unit 8 – Acids and Bases
- Unit 9 – Applications of Thermodynamics
- Unit 10 – Preparation for AP Chem Test
- Unit 11 – Post Exam Topics

**\*\*\*AP Chemistry Exam - May 6th @ 12PM\*\*\***

**TEXTBOOK/MATERIALS.** The class uses the following textbook and laboratory manual:

- *Zumdahl, Steven S., Zumdahl, Susan A., DeCoste, Donald J. Chemistry, 10th Edition. Cengage Learning. Boston, MA, 2018.*
- *Slowinski, E.J., Wolsey, W.C. and Masterton, W.L. (2020) Chemical Principles in the Laboratory, 12th Edition.*

### ONLINE CLASS RESOURCES

- **Schoology** – Scores from homework, quizzes, tests and other assignments will be updated through our online gradebook. Check the Schoology gradebook regularly, so any errors could be corrected immediately.
- [Misstchem.com](http://Misstchem.com) – Miss Tashjian’s personal website. Supplemental resources can be found here. Can also be used if Schoology is down.
- <https://myap.collegeboard.org/> – This is the “AP Classroom” site where you’ll access documents related to AP Chemistry as well as assignments and problem sets. See schoology for the join code.
- Join **Remind** – Please join your period’s remind using the corresponding class codes:
  - PERIOD 2: “p2apchem62”
  - PERIOD 4: “p4apchem62”

### CLASSROOM EXPECTATIONS

To create an engaging learning environment, the following are expected from all students.

- **Treat people with kindness.** Be mindful of your words, actions, and attitudes towards the classroom, me, yourself, and to your classmates.
- **Be on time and prepared for class everyday.** You will need to bring your supplies to class (pencil, pen, laptop, notebook etc), complete the homework, and be present in class.
  - **You should expect that you may have to learn some material on your own. Take advantage of available resources to make sure you stay on top of things.**
- **FOLLOW ALL LAB SAFETY RULES.** (See Lab Safety Contract)
- **Be diligent.** Put your best effort into your classwork and homework to master the material. This class will use a blended-learning approach. Blended-learning is a form of teaching that blends traditional classroom approaches with online resources. Some of the content will be learned through watching videos at home, then coming into class and practicing the material.
- **Be proactive.** Ask questions and seek out help when needed. Active participation in class activities is expected.
- **Be engaged.** Please avoid any distracting behaviors that will interfere with your classmates’ (or your own) ability to learn. You should never have assignments from another class out. Focus on the material in front of you.

**CLASS POLICIES.** Please also be aware of the following class policies.

- **Class Supplies.** Items you should bring to class every day:
  - Chromebook. **Please note only school issued Chromebooks are permitted in the classroom. Please refrain from bringing in other personal laptops such as Macbooks or PC laptops.**
  - Notebook
  - Writing instruments (pencil, eraser, pen, etc)
  - Scientific calculator (class set provided, but you will need one for at home).

- **Bathroom:** The only bathrooms that will be open during the day can be found in D, E, F, and J hall. Two students at a time may use the restroom with the class restroom pass during times when your participation in class is not critical. You may do so after the first 15 minutes and before the last 15 minutes of class. You must fill out the "[Hall Pass Form](#)". Quietly leave class after completing the form. *If abuse is suspected, this policy may be amended to limit usage.*
- **Technology/Cell Phone Policy:** It is expected that students will bring their chromebooks to class fully charged and ready to use daily. Cell phone distractions can prevent you from being fully invested in the material. For this reason, **cell phones are requested to be stored away** unless explicitly told to use a phone for that lesson. **No headphones or earbuds** are allowed to be worn during class. Any distracting behavior caused by improper technology usage will be subject to penalty points. Please keep it professional!
- **Attendance:** Missing class is the number one reason why students fall behind, get lost, give up, and either drop the class or get a low grade. Students are expected to come on time to class everyday. Being absent or tardy to class comes at a disadvantage to student learning and progress. If students miss class, they are encouraged to check Schoology to see what they missed. Students are encouraged to check with a classmate to obtain any notes. Students are strongly encouraged to email me in advance if they know that they will miss class for an excused reason. 5 tardies will result in 1 hour of detention.
- **Late/Missing Work:** Make-up and late work must be submitted before the end of a unit (when the unit test is given). After this date I will not be able to accept late work, although, if there is something beyond your control, please contact me and I will work with you the best I can. Students are responsible for all work missed when absent from school.

## ACADEMIC HONESTY

Cheating will not be tolerated in this classroom. If there is suspicion of cheating, you may receive an automatic zero on the task and/or a call/email home.

- Quizzes and tests are individual assessments of mastery of your learning.
  - The following actions during a quiz or test are considered cheating: **(1) possessing or using unauthorized materials (i.e phone, cheat sheets, etc.), (2) helping or receiving help from someone else, and (3) communicating with another student.**
    - During a test, backpacks, pencil cases/bags, electronic devices and any other unauthorized items will be removed from your desk. Phones will be placed in the calculator pouch. You will be provided with authorized supplies (pencil, eraser, and scientific calculator) if necessary.
    - During a test, you should not look at others' tests or look like you're doing so. Keep your test on your desk (i.e. do not hold it up). Cover your work so others cannot look at your work.
    - After you are done taking the test (but others are not yet done), you may sit quietly or work on approved work. However, no whispering or gesturing to others, or using electronic devices is allowed.
    - If you need special arrangements, please do so at least a day before the test.
    - If you are absent for a test, it must be made up within 5 school days. You must come in before or after school. Make up tests are not given during the school day. You will take a modified version of the assessment you missed.
- John Wooden, former UCLA basketball head coach, says:

*Be more concerned with your character than your reputation, because your character is what you really are, while your reputation is merely what others think you are. The true test of a man's character is what he does when no one is watching.*

## **GOGUARDIAN**

GoGuardian is a program that helps districts and schools manage a fleet of Chromebooks. GoGuardian keeps track of the websites that a student visits on their device. It also allows teachers to see what is on the screen of every student in their classroom. They can see the active tab the student is currently looking at, as well as any other open tabs in the browser. These tabs can be sites, documents, games, etc., that may be open but not being used. As a teacher, I can block distracting sites (i.e. games, streaming sites, etc.) and close distracting tabs for students, send messages to students, and lock student screens. I can also ensure students are unable to Google answers during a digital assignment or exam. **GoGuardian will be used daily** in this classroom during digital assignments to monitor student progress and help students stay on task.

**GRADES.** Grading is based on a point system. Final semester grades are determined by the following approximate breakdowns. *May be subject to change.*

<u>Grade Scale</u>	<u>Assignment Weights</u>
88%+ A	<b>Exams:</b> 45%
78%+ B	<b>Labs/EA:</b> 15%
60%+ C	<b>Quizzes:</b> 15%
50%+ D	<b>HW/Participation:</b> 10%
<50% F	<b>Final Exam:</b> 15%

**Exams (45%):** These comprehensive tests cover all the content and skills that you are expected to learn through a unit. They will consist of MC and FR Questions. During “Unit 10 - Preparation for AP Chem Test”, we will engage in 3 Mock Practice Exams that count towards this exam category.

**Labs/Extended Assignments (EA) (15%):** Labs will include hands-on experiences with scientific equipment, glassware, and various chemical reagents. Students are required to submit a parental lab approval form before participating in any wet labs. Extended assignments include assignments such as review projects and post-exam projects.

**Quizzes (15%):** Expect to complete 1-2 quizzes per week. There will be weekly quizzes to review for every chapter as well as “**Thou Shalt Not Forget Thursday**” quizzes. Every Thursday, students will be quizzed on the ideas outlined in the “Thou Shalt Not Forget” document. During the first semester, the quizzes will consist of 3 questions. If students miss one question, they will automatically earn a 0/3. During the second semester, the quizzes will consist of 4 questions. Students will be able to miss one question and still earn a 3/3.

**Homework Problem Sets (10%):** You are expected to complete Homework Problem Sets daily. A set of problems will be assigned to you after a lesson. These problems should be completed on a separate sheet of paper and will be due the following day. If you get stuck, ask for help (by coming to me before school or asking a friend) instead of giving up, copying others' work, or

looking at the answer key. There will usually be brief time in the next class to go over any questions. After the homework is returned, you should make corrections, noting anything that you need to do to improve or re-learn.

**Participation (10%):** There will be a warm-up question at the start of class every day. Students are required to make a ClassQuestion account on <https://classquestion.com> (it's free) to answer these questions. I will use this to conduct class polls and instantly send questions to student chromebooks. Students will also be expected to take notes during class. Notebooks will be checked at the end of every week and scores will go towards your homework grade.

**Final Exam (15%):** During the fall semester, this cumulative test covers the content covered throughout the semester. During the spring semester, we will have a final project.

**Practice and Review Activities.** We will spend some time in class to help you evaluate whether you have mastered what I expect you to have learned. Please engage in these activities with your best effort, rather than wait until we go over them. My job is to determine how well the content is being learned, and adjust my instruction accordingly. Your job is to reflect about how well you are learning, and be proactive to re-learn, practice, review, or ask for help if you have not mastered it. It's better to figure out that with which you're having a hard time through these activities than when you're taking the test! **Quick Checks** are one of these review activities. They are given the class after a lesson is taught, and should be considered "Practice Quizzes." You should use them to evaluate how well you've mastered the content, and figure out what you need to relearn or practice.

### **Work Habits**

Exam average score of 80%+ = E

Exam average score 60%+ = S

Exam average score of less than 50% = U

### **Cooperation Grading Policies**

Participation score of 80%+ = E

Participation score of 50%+ = S

Participation score of less than 50% = U

----- Tear Here -----

I have read and understood the attached. I look forward to communicating with you about my child's academic progress.

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Parent or Guardian's Name (Print)

\_\_\_\_\_  
Parent or Guardian's Signature

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Parent or Guardian's Phone Number

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Parent or Guardian's Email