



Chandler Unified School District

SCI315A AP Chemistry
SY 2023-24



Course Overview

Course Description

This course is equivalent to a first-year general chemistry course in college. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. Students spend 25 percent of instructional time engaging in lab investigations, including at least 16 hands-on labs.

AP/IB/Dual Enrollment

May be offered for Dual Credit

Prerequisite/Fee(s)

Algebra 2 and Chemistry. Grade 11 or higher.

Course Materials

Spiral Notebook or Paper and Binder
Composition Book for Labs
Calculator
Pencils and Pens (not red)

Adopted Resource(s)

Chemistry A Molecular Approach -Tro (Savvas).

**An asterisk will indicate a resource containing sexually explicit materials per legislative definitions. CUSD has determined that all resources listed above are of exceptional educational value.*

Site and Faculty Information

School name and address:

Perry High School, 1919 E Queen Creek Rd, Gilbert, AZ 85297

Building principal:

Heather Patterson
patterson.heather@cusd80.com

Teacher:

Karen Hutchinson BS, MEd
hutchinson.karen@cusd80.com

Office hours: Monday-Thursday 2:15-3:00

Course Access

This course is taught in-person at Perry High School. Students will have access to the curriculum and instruction in the classroom. Google Classroom is the primary location for students to access material when absent from classes taught in person.

Help

Academic Support

- Contact the teacher to schedule an appointment during office hours
- [Ed Tech](https://cusd80.com/Page/45109) support for students, parents/guardians, and community link (cusd80.com/Page/45109)

Mental Health Support

- CUSD mental health support cusd80.com/Domain/10528 or 480-573-8808 (talk or text)
- Suicide & Crisis Lifeline: 9-8-8 hotline
- 24-hour Crisis Line Talk: 602-222-9444, Text: 741-741

Student Conduct, Success, and Responsibilities

Student Handbook

Students must follow the policies and procedures established in the Student Handbook. Copies of the handbook can be found at cusd80.com/handbooks. Printed copies will be provided upon request.

Student Responsibilities

Rules are enforced to maintain the integrity of the learning environment. Academic misconduct may affect grades and may result in other disciplinary measures. Examples of academic misconduct include, but are not limited to: (a) cheating and plagiarism (including any assistance or collusion in such activities, or requests or offers to do so); (b) excessive absences; (c) use of 2 abusive or profane language; and (d) disruptive behavior. Cheating is any form of dishonesty in an academic exercise. It includes, but is not limited to, (a) use of any unauthorized assistance in taking quizzes, tests, examinations, or any other form of assessment whether or not the items are graded; (b) dependence upon the aid of sources beyond those authorized by the teacher in writing papers, preparing reports, solving problems, or carrying out other assignments; (c) the acquisition, without permission, of tests or other academic material belonging to or administered any PHS staff; and (d) fabrication of data, facts, or information. Plagiarism is a form of cheating in which a student falsely represents another person's work as his or her own – it includes, but is not limited to: (a) the use of paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment; (b) unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials; and (c) information gathered from the internet and not properly identified. Cell phones and other electronic devices will be collected and stored during class unless they are appropriate for the lesson. Phones will never be required, as alternative technologies are available in the classroom.

Late work

Assignments are due at the start of next class unless specifically stated. When class time is provided to work on assignments, students are expected to work until the end of class.

NO LATE ASSIGNMENTS WILL BE ACCEPTED FOR A GRADE!!!

Students will have the opportunity to earn at least one Homework Extension Coupon each semester. Details will be provided to students in class.

Assessments and Assignments

Students will complete assessments during each unit of study to assess their understanding. Students will complete the CUSD Common Final at the end of the first and second semesters. The Common Final will count for 20% of the student's final semester grade in grades 9-12 and 10% in grades 7-8 (some exceptions may apply at the Junior High level). Common finals will be in ELA, Math, Science, Social Science, and World Language.

Final exams will be given during the CUSD Jr High/High School Early Dismissal days in December and May, as identified on the [District Calendar](#).

If students are requested to participate in a survey, the survey questions will be provided to parents/guardians seven days before student contact.

Grading

Grade Percentage

A	B	C	D	F
90% - 100%	80% - 89%	70% - 79%	60% - 69%	<60%

Quarter grades

Semester grades will be calculated by the following formula: 80% (18 week grade) + 20% (final exam)
18 week grades are calculated based on total points earned in each of the following categories
60% Tests/Quizzes
40% Labs/Projects/Assignments

Semester grades

Semester grades are calculated using 80/20: A combination of the two quarters accounts for 80% of the semester grade and the final exam accounts for remaining 20%.

Units of study

Units for SCI315A AP Chemistry

Atomic Structure and Properties

Molecular and Ionic Compounds

Intermolecular Forces

Chemical Reactions

Kinetics

Thermodynamics

Equilibrium

Acids and Bases

Applications of Thermodynamics

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Parent/Guardian

Acknowledgment

Parents/Guardians should indicate if they "Acknowledge" or have a "Potential Conflict" with their student's participation in the following units by checking the appropriate box for each unit of study listed. Students cannot opt out of a standards-based unit. Marking "Potential Conflict" will prompt the teacher to make contact regarding assignment alternatives.

Unit of study	Acknowledge	Potential Conflict
Atomic Structure and Properties	<input type="checkbox"/>	<input type="checkbox"/>
Molecular and Ionic Compounds	<input type="checkbox"/>	<input type="checkbox"/>
Intermolecular Forces	<input type="checkbox"/>	<input type="checkbox"/>
Chemical Reactions	<input type="checkbox"/>	<input type="checkbox"/>
Kinetics	<input type="checkbox"/>	<input type="checkbox"/>
Thermodynamics	<input type="checkbox"/>	<input type="checkbox"/>
Equilibrium	<input type="checkbox"/>	<input type="checkbox"/>
Acids and Bases	<input type="checkbox"/>	<input type="checkbox"/>
Applications of Thermodynamics	<input type="checkbox"/>	<input type="checkbox"/>

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By signing and returning this form, the parent/guardian acknowledges they have reviewed the resources and units of the study included in the syllabus.

- As the parent/guardian, I understand that I may contact the teacher if I have questions about the resources, content, or units of study.
- As the parent/guardian, I understand I can check my student's grades in Infinite Campus anytime during the school year.

Student name (printed)

Student signature

Parent/Guardian name (printed)

Parent Signature

Date

Please return this page to your student's teacher.