



Chandler Unified School District

SCI305A Honors Chemistry

SY 2023-24



Course Overview

Course Description

This course provides a more rigorous approach to the topics covered in Chemistry as preparation for AP or IB programs. Students will study chemical reactions and fundamental problems in chemistry and chemical equations. The lab-oriented course emphasizes elements, compounds, and mixtures as found in nature.

AP/IB/Dual Enrollment

May be offered for Dual Credit

Prerequisite/Fee(s)

Geometry and Biology. Grade 10 or higher.

Course Materials

Scientific non-graphing calculator

Composition notebook

Clear tape

Pencils and whiteboard markers

Adopted Resource(s)

Chemistry 2017 -Antony C. Wilbraham (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:

Hamilton High School, 3700 S Arizona Ave, Chandler, AZ 85248

Building principal:

Michael Delatorre

delatorre.michael@cusd80.com

Teacher:

Ms. Kayla Canfield, B.A.E in Secondary Education with a Concentration in Chemistry & M.Ed in Secondary Education

canfield.kayla@cusd80.com

Office hours: Mondays & Tuesdays 2:15pm - 3:15pm, during conference on block days or by appointment

Course Access

This course is taught in-person at Hamilton 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](#) support for students, parents/guardians, and community link (cusd80.com/Page/45109)

Mental Health Support

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- 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

CLASSROOM EXPECTATIONS AND POLICIES

1. Safety: Safety is a major consideration in any science laboratory. All students will be required to sign a safety contract and pass a safety assessment before participating in the laboratory. Students who do not observe and practice classroom safety procedures and school rules will not be permitted to participate in the lab and receive a zero for that assignment.
2. Food or drinks are not allowed at the lab stations.
3. Behavior: Students are expected to follow all school rules to allow for a safe learning environment, including the use of school appropriate language and dress code as outlined in the student handbook.
4. Cheating: Students are expected to demonstrate honesty and integrity while in attendance at Hamilton High School. Giving aid, receiving aid or observing aid being given on any assignment is considered dishonest and will result in the score of a zero on the assignment. Copying homework is cheating and zero credit is given for plagiarized work. Please note that in addition to your grade dropping, NHS will also be notified.
5. Phone Policy: Cell phones and other electronic devices may not be used during instructional time unless told otherwise. Cell phones will be placed in phone pockets that correspond with their roster number. If student does not place their phone in their pocket it will result in a tardy. Misuse of a cell phone will result in confiscation. Any student found using a cell phone during a test or quiz will be given a zero on that test or quiz.
6. Tardy Policy: Students not in their seats before the bell rings will be marked tardy. The following outlines the consequences for tardiness:
First tardy a warning
Second tardy parent contact
Fifth tardy, referral to Saturday School
7. Attendance: Attendance is critical for success in honors chemistry, as well as all of your classes.

Late work

Late Work: Homework will be checked at the beginning of the period on the due date with in-person instruction. Any work turned in after the posted due date will be considered late. Late work is accepted for partial credit. Assignments turned in after the key has been made available are worth a maximum of 50%.

Missed Work: Work missed because of an excused absence must be submitted within a reasonable time period or the student will receive a zero for the assignment or lab. All tests and quizzes missed due to an excused absence must be made up within a week. Students are expected to take the tests and quizzes on scheduled days, an absence the day before will not excuse a student from taking a test or quiz. It is the student's responsibility to make up missed work and labs.

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

Students and parents will be able to access grades through Infinite Campus. Please keep in mind it takes a few days for grades to be updated once new assignments have been entered. Students are responsible for checking their grades. Grades for the course will be computed based on a weighted average of your scores in the following categories:

Tests & Quizzes 60%

Lab Reports and Lab Assessments 30%

Classwork and Participation 10%

Semester grades are cumulative, and the final exam is 20% of the final grade.

Progress reports and quarter grades are checkpoints for students and parents, they are not transcript grades. I do not round these checkpoints to a higher letter grade. If you do have a 0.5 or higher borderline grade and no zeroes in the gradebook you are eligible for rounding at the semester only.

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 SCI305A Honors Chemistry

Matter and Measurement

Energy and States of Matter

Describing Matter

Atomic Models and Electron Structure

Periodicity and Bonding

Chemical Nomenclature

**An asterisk will indicate a unit of study containing sexually explicit materials per legislative definitions.*



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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
Matter and Measurement	<input type="checkbox"/>	<input type="checkbox"/>
Energy and States of Matter	<input type="checkbox"/>	<input type="checkbox"/>
Describing Matter	<input type="checkbox"/>	<input type="checkbox"/>
Atomic Models and Electron Structure	<input type="checkbox"/>	<input type="checkbox"/>
Periodicity and Bonding	<input type="checkbox"/>	<input type="checkbox"/>
Chemical Nomenclature	<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.