



Chandler Unified School District

SCI305 Honors Chemistry

SY 2024-25



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

- 2 pocket folder (plastic preferred)
- Pencils and/or pens for notes
- Colored pencils and/or pens for notes
- Highlighters (four colors are recommended)
- Loose leaf paper
- District-assigned computer & charger
- Scientific Calculator

Adopted Resource(s)

Chemistry - Wilbraham (Savvas)

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

Site and Faculty Information

School name and address:

Camille Casteel High School, 24901 S Power Rd, Queen Creek, AZ 85142

Building principal:

Jay Schnittger
schnittger.jay@cusd80.com

Teacher:

Hope Melton BS
melton.hope@cusd80.com

Office hours: Monday PM, Wednesday AM, Thursday PM, Friday AM

Course Access

This course is taught in-person at Camille Casteel 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

- 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 in the [Student Handbook](#). Copies of the handbook can be found at <https://www.cusd80.com/Page/533>, and printed copies will be provided upon request.

Student Responsibilities

Technology:

With the 1:1 technology initiative, it is the responsibility of the student to bring their fully charged laptop to school every day. Technology is a tool no different than a pencil. Like all school supplies, students are expected to have the supplies needed to learn.

Discipline Protocol:

It is the expectation that students hold themselves to high standards. The teacher will address students who are not meeting these expectations. The standard progression for discipline:

- A warning
- A warning with a phone call
- A Parent-teacher conference
- A referral

Our goal is to work with families to ensure that all students have a safe and focused learning environment.

Tardy Protocol:

Students are expected to be in their seats when the bell rings and ready to learn. If a student is tardy to class, teachers will follow this progress to rectify students being late to class.

- A warning on their first and second offense.
- The teacher will email / call home.
- Notify Attendance Interventionist and email / call home.
- On the fifth offense, the teacher will refer the student to our Attendance Interventionist, who can work with families and assign Saturday school if necessary.

The teacher has the option to provide their own lunch detention at their discretion instead of writing a conduct referral.

Absences:

Students who have excused absences have at least one day every day they are absent to make up the

work they missed. Excessive absences can result in the loss of a credit for the course.

Food and Drink:

There is no food or drink allowed in the classroom except water.

Late work

- Students will receive a 50% deduction for work turned in after the due date, up until the day of the unit exam. After the unit exam, no credit will be given for work from that unit.
- Late labs will receive a 25% deduction daily until the lab is submitted.
- Students who have excused absences have at least one day every day they are absent to make up the work they missed. Excessive absences can result in the loss of a credit for the course.

Assessments and Assignments

Students will complete assessments during each unit of study to assess their understanding. At the end of the first and second semesters, students will complete the CUSD Common Final. 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 | 90% - 100% |
| B | 80% - 89% |
| C | 70% - 79% |
| D | 60% - 69% |
| F | <60% |

Quarter grades

- Practice: 10%
- Quizzes: 15%
- Labs/Projects: 25%
- Unit Exams: 50%

Semester grades

Semester grades are calculated using 40/40/20: Each quarter accounts for 40% of the semester grade and the final exam accounts for the remaining 20%.

Units of study

Units for SCI305 Honors Chemistry

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

Unit 1: Measuring Matter

Unit 2: Thermochemistry

Unit 3: The Atom & Periodic Table
Unit 4: Bonding & Nomenclature
Unit 5: Chemical Reactions
Unit 6: Chemical Quantities
Unit 7: Stoichiometry
Unit 8: Gas Laws & Behavior
Unit 9: Solutions
Unit 10A: Equilibrium
Unit 10B: Acid-Base Chemistry

Signature Page - Please return this page to your student's teacher.



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SY 2024-25



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Building Principal: Jay Schnittger, schnittger.jay@cusd80.com

Teacher: Hope Melton, melton.hope@cusd80.com

Parent/Guardian

Acknowledgment

Parents/Guardians must specify their approval by selecting "Acknowledge" or "Potential Conflict" for their student's involvement in the units of study. Please note students cannot decline participation in standards-based units. The teacher will reach out regarding options if "Potential Conflict" is selected.

Unit of study	Acknowledge	Potential Conflict
Unit 1: Measuring Matter	<input type="checkbox"/>	<input type="checkbox"/>
Unit 2: Thermochemistry	<input type="checkbox"/>	<input type="checkbox"/>
Unit 3: The Atom & Periodic Table	<input type="checkbox"/>	<input type="checkbox"/>
Unit 4: Bonding & Nomenclature	<input type="checkbox"/>	<input type="checkbox"/>
Unit 5: Chemical Reactions	<input type="checkbox"/>	<input type="checkbox"/>
Unit 6: Chemical Quantities	<input type="checkbox"/>	<input type="checkbox"/>
Unit 7: Stoichiometry	<input type="checkbox"/>	<input type="checkbox"/>
Unit 8: Gas Laws & Behavior	<input type="checkbox"/>	<input type="checkbox"/>
Unit 9: Solutions	<input type="checkbox"/>	<input type="checkbox"/>
Unit 10A: Equilibrium	<input type="checkbox"/>	<input type="checkbox"/>
Unit 10B: Acid-Base Chemistry	<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 I may contact the teacher with questions on resources, content, or units of study at any time during the school year and view my student's grades in Infinite Campus.

Student name (printed)

Student signature

Parent/Guardian name (printed)

Parent Signature

Date

Please return this page to your student's teacher.