



Chandler Unified School District

SCE405A Honors Science Research
SY 2023-24



Course Overview

Course Description

This course presents techniques for basic and advanced principles of experimental design and data analysis, time management strategies for student research, and strategies for successful science competitions. Students will complete one original independent science, math, or technology research project and compete in the Central Arizona Science and Engineering Fair. Off-campus, research may be required. Students must provide their transportation. This elective course does not meet the university requirement for a lab science or the high school science graduation requirement.

AP/IB/Dual Enrollment

No

Prerequisite/Fee(s)

Algebra 1, one year of science and, teacher recommendation

Course Materials

Required materials depend on the nature of student research projects.

Adopted Resource(s)

Teacher provided

**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: Students will have opportunity for conferences during class meetings

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](#) 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

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- 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

Students are responsible for planning and conducting a unique individual research project. All required paperwork must be completed and submitted by due dates. All students must compete in person at the Arizona Science and Engineering Fair Spring of 2024. All students must participate in the Chandler Innovation Fair in February of 2024.

Late work

Failure to meet paperwork deadlines may result in students becoming ineligible for competitions.

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:

Research
Presentations
Competitions

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 SCE405A Honors Science Research

This course is not organized into units of study.

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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
This course is not organized into units of study.	<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.