



Chandler Unified School District

SCI425A AP Physics 1
SY 2023-24



Course Overview

Course Description

#N/A

AP/IB/Dual Enrollment

#N/A

Prerequisite/Fee(s)

#N/A

Course Materials

Folder designated for Physics

Graphing Calculator

Notebook for labs, notes and taping or gluing papers into... this will be used for studying and can be used on some tests

Pencils

Colored pens, markers, highlighters or colored pencils... we will be working with multiple forces and using different colors really helps to identify them

Adopted Resource(s)

#N/A

**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:

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

Building principal:

Jayson Phillips

phillips.jayson@cusd80.com

Teacher:

Benjamin Wilson BS Science

wilson.benjamin@cusd80.com

Office hours: Tutoring Available before and after school on Mondays, Tuesdays, and Thursdays

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)

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- 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

This is NOT a math class, this is NOT a science class, ... This is a mixture of math, science and philosophy. Physics is challenging because the math is the easy part. You will need to observe, identify, think and then apply concepts to solve problems. The biggest expectation I have is that you will complete the problems to the best of your ability. You will struggle but the more you practice the better you will become. It is extremely important that you stay on top of the material as it will build and be used throughout the year. Finally, have fun!

The AP Physics 1 class is designed to introduce students to the algebra-based physics learned at the college level. At the end of the course, students will take the AP Test, which will test students' knowledge of both the conceptual and mathematical formulations of the requisite concepts.

Late work

If you do not turn it in or it is not complete then you get a zero... However, if you were absent, got behind, or struggling then communicate with me and we will come up with a solution. If you wait till the end of the quarter and then ask about turning missing assignments in then I will tell you no, and you are stuck with the zero. Basically, communicate with me and complete your assignments and you will be fine.

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

The quarter grade is made up of 3 weighted categories (weighted means that some assignments are valued more than others)

Category 1 - Homework/Classwork - worth 10%

Category 2 - Quizzes and Labs - worth 40%

Category 3 - Tests - worth 50%

Most of the points come from labs and quizzes throughout the quarter. Tests are given after a Unit is completed.

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 SCI425A AP Physics 1

Unit 1: Kinematics

Unit 2: Dynamics

Unit 3: Circular Motion & Gravitation

Unit 4: Energy

Unit 5: Momentum

Unit 6: Unit Simple Harmonic Motion

Unit 7: Torque & Rotational Motion

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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
Unit 1: Kinematics	<input type="checkbox"/>	<input type="checkbox"/>
Unit 2: Dynamics	<input type="checkbox"/>	<input type="checkbox"/>
Unit 3: Circular Motion & Gravitation	<input type="checkbox"/>	<input type="checkbox"/>
Unit 4: Energy	<input type="checkbox"/>	<input type="checkbox"/>
Unit 5: Momentum	<input type="checkbox"/>	<input type="checkbox"/>
Unit 6: Unit Simple Harmonic Motion	<input type="checkbox"/>	<input type="checkbox"/>
Unit 7: Torque & Rotational Motion	<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.