



Course Overview

Course Description

AP Precalculus is a new course offered by The College Board. Students may receive AP credit that colleges may accept. AP Precalculus will replace the honors precalculus course currently offered at ACP High School and Hamilton High School. Taking AP Precalculus prepares students for other college-level mathematics and science courses. During the course, you'll explore everyday situations using mathematical tools and lenses. You'll also develop an understanding of modeling and functions, and examine scenarios through multiple representations. The course framework outlines the content and skills needed for careers in mathematics, physics, biology, health science, social science, and data science. Students will use the standards for mathematical practice to engage with the subject matter.

AP/IB/Dual Enrollment

This is an AP Course and may be offered for Dual Credit.

Prerequisite/Fee(s)

Algebra 2

Course Materials

- A notebook specifically for our class
- A graphing calculator (TI STRONGLY preferred. TI-Nspire CX will be demonstrated in class and can be used on the ACT as well. TI-Nspire CAS is not usable on the ACT and is therefore not recommended.)
- Writing utensils: pencils or dark colored pens and red or other colored pens (for corrections).
- Expo markers for use in class.

Adopted Resource(s)

Precalculus 5th Ed., Blitzler (Pearson)

**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:

Juhee Park, BS, BMUS, MS

Park.Juhee@cusd80.com

480 883 5073

Office hours: MF, 7-7:20am, 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

- 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

- You are required to come to class on time and prepared every day.
- Being prepared for class means that you come to class with all the required materials every day, completed & corrected homework, and questions.
- Being on time for class means being in your seat and prepared to begin working when the bell rings. Anything else will be considered tardy unless you have a hall pass. 5 tardies will result in a referral to the administration and could cause assignment to Saturday school.
- Respect is key to everything. I will respect you and in turn ask for your respect as well as respect for your fellow classmates. Behaviors that interrupt teaching or learning are not acceptable.
- All students and faculty have the right to a safe classroom environment free of bias, prejudice and bigotry. As members of the Hamilton High School educational community, students are expected to refrain from participating in acts of harassment that are designed to demean another student's race, gender, ethnicity, religious preference, disability or sexual orientation.
- Phones are wonderful and glorious inventions do not belong inside our classroom unless approved by me for a specific purpose. We've all seen the research that our ability to learn is dramatically lowered by even hearing a phone's notification sound. Any phone, iPod, or other personal electronic device not approved by me may not be out in the classroom.
 - ◆ 1st offense: warning and the phone will be confiscated until the end of class;
 - ◆ 2nd: the phone will be held until lunch period or the end of the day whichever is first;
 - ◆ 3rd: the phone will be given to security and notification sent home.
- Students are held responsible for all announcements written on the board or given during the class period. These may include any changes or alterations to office hours, homework, etc.

Late work

No late work will be accepted unless previously excused by the front office, however, the lowest homework score will be dropped every semester. In the event of an excused absence the missing work will be dealt with according to the Student Handbook. Homework will be due in class each day and full credit will be given if all problems are done with work shown as needed, not just answers.

Assessments and Assignments

Students will complete assessments during each unit of study to assess their understanding, with around 1 assessment per week. All assessments will be announced in class and written in the board as an upcoming event. Since the AP is cumulative, assessments will be cumulative as well. If a student is absent for an assessment it needs to be made up as soon as possible, within the next week after returning to class (or as many class periods as given by the student handbook, whichever is greater).

Students will complete a final exam at the end of the first and second semesters. The final exam will count for 20% of the student's final semester grade in grades 9-12. 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

■ Assignments	15%
■ Assessments	85%

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 MAT415 AP Precalculus

- Unit 1: Polynomial and Rational Functions
- Unit 2: Exponential and Logarithmic Functions
- Unit 3: Trigonometric and Polar Functions
- Unit 4: Parameters, Vectors, and Derivatives

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



Chandler Unified School District

MAT415 AP Precalculus

SY 2023-24



Site: Hamilton High School

Building Principal: Michael Delatorre, Delatorre.Michael@cusd80.com

Teacher: Juhee Park, Park.Juhee@cusd80.com

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
Polynomial and Rational Functions	<input type="checkbox"/>	<input type="checkbox"/>
Exponential and Logarithmic Functions	<input type="checkbox"/>	<input type="checkbox"/>
Trigonometric and Polar Functions	<input type="checkbox"/>	<input type="checkbox"/>
Parameters, Vectors, and Derivatives	<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.