



Chandler Unified School District

MAT300A Algebra 2

SY 2023-24



Course Overview

Course Description

This course is the third year of an integrated study of mathematics. Explores how to model and solve real-life situations dealing with such topics as probability, statistics, algebraic functions, geometry, and an introduction to trigonometry. Students will use the standards for mathematical practice to engage with the subject matter.

AP/IB/Dual Enrollment

No

Prerequisite/Fee(s)

Geometry

Course Materials

Graphing Calculator- TI84 preferred

Binder or folder

Printable Notes (optional)

Pencils

Highlighter (2 colors)

Adopted Resource(s)

Big Ideas, Larson & Boswell (Cengage) & AGA, Kanold, Burger, Dixon, Larson, & Leinwand (HMH)

**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:

Mrs. Hahn BS Construction Engineering and Teacher and Teacher Education MEd

hahn.myrna@cusd80.com

Office hours: By Request, an agenda in front of the classroom will be available with dates.

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

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- [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

+To have a positive attitude, actively participate in class discussions. Ask questions.

+To be prepared, with notes, HW and any assignment.

+ To attend class regularly and on time. PHS Attendance Policy will be strictly enforced.

+ To be in your seat with all class materials and ready to work when the bell rings. Remain in your seat until you are dismissed.

+ The use of cell phones or earbuds will not be allowed during instructional time. – All phones, earbuds, and smart watches will be out of reach during all assessments.

+ No food or drinks (except water) or gum in the classroom.

+ The use of cell phones or earbuds will not be allowed during instructional time. – All phones, earbuds, and smart watches will be out of reach, specially during assessments. Cellphone caddy.

+Attend tutoring, when necessary, sign up is available in the classroom agenda.

Google classroom is where you find the quarter calendar, notes and HW assignments. Make up work whenever absent. Schedule a makeup Test or quiz no more than the days you were absent for. If you were absent for 4 days your make-up work or test should be done within 4 days. Be proactive and talk to me if you need an extension.

Late work

+Late work: To be successful in math class, students must keep up with lessons and assignments. Late work will be accepted for half-credit up until the day of the chapter test. Once a chapter has been completed, late work will no longer be accepted and will be entered as a zero.

+Make-Up Work: This applies to students who were ABSENT. When students are absent, they will be responsible for making up notes, assignments, and assessments that they miss for full credit. They can catch up by emailing me, using Google Classroom, or coming in for office hours. Students have as many days as they were absent to make up for what they missed.

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

Quarter grades continue through the end of the semester and can be followed on Infinite Campus as "Semester Cumulative." Posted Progress Report and Quarter grades serve as a snapshot.

+ "Assignments" (day-to-day tasks including homework, classwork, etc.) are weighted 20% of the Semester Cumulative grade and are generally graded for completion.

+ "Assessments" (tests and quizzes) are weighted 80% of the Semester Cumulative grade and are graded for accuracy.

If a student misses a test/quiz and the absence was excused, the grade will go in as "missing" and will calculate as a "0" until they make it up and the grade is replaced. If the absence is unexcused, they will receive a "0" on the assessment.

Retakes and Quiz Corrections: Students may come in for quiz corrections during office hours. Quiz corrections are for students that received a 79.5 or lower. They are a second chance to improve their grade, students must do corrections without the help of the teacher. They must have all their homework's done completely. They will be allowed to use their own notes. They may earn half credit back on the re-take.

There are no test re-takes or test corrections.

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 MAT300A Algebra 2

- + Families of Functions
- + Quadratic Functions
- + Quadratic Equations and Complex Numbers
- + Polynomial Functions
- + Rational Functions
- + Rational Exponents and Radical Functions
- + Exponential and Logarithmic Functions
- + Sequences and Series
- + Probability and Statistics
- + Trigonometric Ratios and Functions

**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
+ Families of Functions	<input type="checkbox"/>	<input type="checkbox"/>
+ Quadratic Functions	<input type="checkbox"/>	<input type="checkbox"/>
+ Quadratic Equations and Complex Numbers	<input type="checkbox"/>	<input type="checkbox"/>
+ Polynomial Functions	<input type="checkbox"/>	<input type="checkbox"/>
+ Rational Functions	<input type="checkbox"/>	<input type="checkbox"/>
+ Rational Exponents and Radical Functions	<input type="checkbox"/>	<input type="checkbox"/>
+ Exponential and Logarithmic Functions	<input type="checkbox"/>	<input type="checkbox"/>
+ Sequences and Series	<input type="checkbox"/>	<input type="checkbox"/>
+ Probability and Statistics	<input type="checkbox"/>	<input type="checkbox"/>
+ Trigonometric Ratios and Functions	<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.