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
- Math Binder (1"-1 ½ ")
- Highlighters for notetaking and at least one pen
- Pencil with eraser. Any work handed in must be completed in pencil.
- Colored writing utensils for notetaking – pens, colored pencils
- Graphing Calculator – graphing calculators are used heavily in Algebra 2. (Recommended: TI-83, TI-83 Plus, TI-84CE, TI-84 Plus – any variety.)

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:
Hamilton High School, 3700 S Arizona Ave, Chandler, AZ 85248

Building principal:
Michael Delatorre
delatorre.michael@cusd80.com

Teacher:
Rebecca Briskey BA Mathematics
briskey.rebecca@cusd80.com
Office hours: Tutoring Tuesdays and Thursdays 2:15 - 3:00

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
-Students must complete all assignments on time.
-Students are responsible for all make-up notes, assignments or assessments missed due to absences or tardies.
-Students are responsible for checking google classroom and the in-class folders for missed work. Students should email the instructor to find out what lesson was missed due to absences.
-Students are only allowed on laptop during class when they are working independently and the teacher is done instructing, unless instructed by the teacher.
-Cell phones will be kept in backpacks or placed in the cell phone holder at the beginning of each class. Students will get a warning if they are using cell phones in class. If this becomes a frequent problem, then the technology will be handed to security.
-Cheating will result in a score of zero for both the student who copied and the student who provided the means to cheat.
-Students are expected to respect teacher, peers, and school property.

Late work
Late work will be accepted until the unit test for a reduced amount.

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
-Homework is "graded" on effort and completion.
-Homework/Participation = 20%
-Quizzes (30%)/Tests (50%) = 80%

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 MAT300A Algebra 2

Analyzing Functions

Absolute Value Functions, Equations, and Inequalities

Quadratic Equations and Solving Linear Quadratic Systems

Polynomial Functions

Polynomials (adding, subtracting, multiplying, and dividing)

Polynomial Equations (rational and complex solutions)

Rational Functions and Expressions

Radical Functions, Radical Expressions, and Radical Equations

Sequence and Series, Exponential Functions, Logarithmic Functions / Equations / Expressions

Unit Circle and Graphing Trigonometric Functions

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

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Teacher: Rebecca Briskey, briskey.rebecca@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
Analyzing Functions	☐	☐
Absolute Value Functions, Equations, and Inequalities	☐	☐
Quadratic Equations and Solving Linear Quadratic Systems	☐	☐
Polynomial Functions	☐	☐
Polynomials (adding, subtracting, multiplying, and dividing)	☐	☐
Polynomial Equations (rational and complex solutions)	☐	☐
Rational Functions and Expressions	☐	☐
Radical Functions, Radical Expressions, and Radical Equations	☐	☐
Sequence and Series, Exponential Functions, Logarithmic Functions / Equations / Expressions	☐	☐
Unit Circle and Graphing Trigonometric Functions	☐	☐

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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.