

# **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**

TI-83 or 84 Calculator Notebook paper Graph Paper Pencils Erasers Highlighters Correction pens- any color Ruler Protractor

### **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:

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

#### **Building principal:**

Jayson Phillips phillips.jayson@cusd80.com

# Teacher:

Justine Bachner BA, MEd bachner.justine@cusd80.com

Office hours: 7-7:30am through November, after November 2:30-3pm as well

### **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/quardians, and community link (cusd80.com/Page/45109)

#### **Mental Health Support**

- CUSD mental health support <a href="mailto:cusd80.com/Domain/10528">cusd80.com/Domain/10528</a> 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 <a href="mailto:cusd80.com/handbooks">cusd80.com/handbooks</a>. Printed copies will be provided upon request.

# **Student Responsibilities**

Be prepared with course materials each day.

Be in their seat when the bell weeks.

Take notes daily and complete daily assignments.

Show all work on all homework.

Have homework the day it is due.

Check the answer keys provided in class for homework and any reviews.

Ask questions in class and/or attend tutoring for additional help.

Check Google Classroom for notes and materials when absent.

#### Late work

Any late homework submission will cause a deduction of 25% points before the test and 50% after the corresponding chapter test. NO homework = NO points.

# **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 <u>District Calendar</u>.

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

Each quarter grade is based on the following breakdown:

Homework- 20% Quizzes: 30% Tests: 50%

- One test retake will be permitted per quarter and must be done prior to the final week of the guarter.
- Quiz corrections will be permitted on any quiz and must be done prior to the unit test. All homework must be done in order to do quiz corrections as well.

#### Semester grades

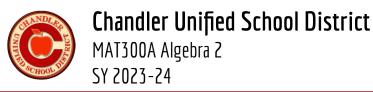
Semester grades are calculated using 40/40/20: Each quarter accounts for 40% of the semester grade and the final exam accounts for the remaining 20%.

# **Units of study**

Units for MAT300A Algebra 2

Linear and Piecewise Functions; Parent Functions Quadratic Functions Quadratic Equations and Complex Numbers Polynomial Functions Rational Functions

<sup>\*</sup>An asterisk will indicate a unit of study containing sexually explicit materials per legislative definitions.





Site: Camille Casteel High School

**Building Principal:** Jayson Phillips, phillips.jayson@cusd80.com **Teacher:** Justine Bachner, bachner.justine@cusd80.com

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
Linear and Piecewise Functions; Parent Functions		
Quadratic Functions		
Quadratic Equations and Complex Numbers		
Polynomial Functions		
Rational Functions		

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# Parent/Guardian

# Acknowledgment

By signing and returning this form, the parent/guardian acknowledges they have reviewed the resources and units of the study included in the syllabus.

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<ul> <li>As the parent/guardian, I under resources, content, or units of s</li> </ul>	stand that I may contact the teacher if I have questions about the study.
As the parent/guardian, I under during the school year.	stand I can check my student's grades in Infinite Campus anytime
Student name (printed)	
Student signature	
Parent/Guardian name (printed)	
Parent Signature	
Date	

Please return this page to your student's teacher.