



Chandler Unified School District

MAT105A Honors Algebra 1

SY 2023-24



Course Overview

Course Description

This course is the first year of a high school-level standards-based mathematics curriculum. Students will employ real-life concepts, problems, and applications by integrating algebra, probability, geometry, discrete math, mathematical structure, and logic. Number sense topics include classifying and comparing sets. Data analysis focuses on organizing data into charts and evaluating conclusions drawn from that data. Algebra topics, including linear equations, inequalities, exponents, and expressions, are taught using algebraic methods. Students will interpret 3-dimensional objects using geometric properties, methods, theorems, and additional topics of geometry relationships. Students can develop and analyze algorithms and gain an understanding of the logic of algebraic procedures using discrete mathematics and mathematical structure.

AP/IB/Dual Enrollment

No

Prerequisite/Fee(s)

Pre-Algebra

Course Materials

1.5 inch binder- this will be a math ONLY binder. No other subjects should be in this binder.

Binder dividers- minimum of 5 tabs.

Pencils

Graphing Calculator (if possible)

TI-83, TI-84, or TI-84 CE calculator (please avoid Casio) -- I recommend if you can, getting TI-84 CE

Highlighters/ colored pens- optional

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:

Delaney Morrill Delaney Morrill Bachelor of Science in Education Elementary Education with an emphasis in mathematics. Minor in Mathematics

morrill.delaney@cusd80.com

Office hours: Tuesday and Wednesday afterschool from 2:30pm-3:30pm

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)
- 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

The Honors Algebra curriculum is rigorous. In order to progress on the honors path next year, students must maintain a grade at or above 80% for both semesters and both final exams. This is non-negotiable. There are no retakes or corrections for assessments.

Students will attempt homework to the best of the ability every evening, showing all work for each problem.

Students will respect others' productive struggle with supportive words and actions. Students will take responsibility for their learning by communicating needs and attending tutoring as needed.

Students will prepare and complete tests and quizzes to the best of the ability as there are no retakes or corrections.

Students are provided the opportunity to complete a Mastery Project at the end of each Semester to recoup credit if they meet the requirements of the Mastery Project.

Students will make the best attempt to be present at Semester Finals as the District does not allow finals to be completed early

Late work

Late work prior to the Chapter/Unit Test results in a 25% deduction in grade

Late work after the Chapter/Unit Test results in a 50% deduction in grade

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/Classwork: 25%

Tests: 45%

Quizzes: 30%

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 MAT105A Honors Algebra 1

Solving and Writing Linear Equations

Graphing Linear Equations in Various Forms

Solving Literal Equations

Solving and Graphing Inequalities

Intro to Graphing Piecewise Functions

Intro to Graphing Exponential Functions

Introduction to Transformations

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



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Teacher: Delaney Morrill, morrill.delaney@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
Solving and Writing Linear Equations	<input type="checkbox"/>	<input type="checkbox"/>
Graphing Linear Equations in Various Forms	<input type="checkbox"/>	<input type="checkbox"/>
Solving Literal Equations	<input type="checkbox"/>	<input type="checkbox"/>
Solving and Graphing Inequalities	<input type="checkbox"/>	<input type="checkbox"/>
Intro to Graphing Piecewise Functions	<input type="checkbox"/>	<input type="checkbox"/>
Intro to Graphing Exponential Functions	<input type="checkbox"/>	<input type="checkbox"/>
Introduction to Transformations	<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.