



# Chandler Unified School District

## MAT105B 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

Graphing calculator

Graphing notebook

Two-pocket folder

Pencils

Charged computer (may be borrowed from the school)

### 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:

Elite Performance Academy, 125 S 132nd St, Chandler, AZ 85225

### Building principal:

Todd Bianca

todd.bianca@cusd80.com

### Teacher:

Michelle Luttrell BA, MEd

luttrell.michelle@cusd80.com

**Office hours:** Before school from 7:00 – 7:30. After school by appointment.

## Course Access

This course is taught in-person at Elite Performance Academy. 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.

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## 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](https://cusd80.com/Page/45109))

### Mental Health Support

- CUSD mental health support [cusd80.com/Domain/10528](https://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](https://cusd80.com/handbooks). Printed copies will be provided upon request.

### Student Responsibilities

Follow CUSD and school expectations.

Bring materials to class each day.

Participate in class.

Be respectful to the teacher and peers.

Complete classwork and homework.

Study for tests.

Complete quiz-corrections.

When absent, check Google Classroom for assignments and notes.

### Late work

All late homework and classwork will be accepted until the Friday of the second-to-last week of the quarter. The teacher may set a later due date at her discretion, which will be communicated to parents and students via email.

Quiz corrections will not be accepted late. Quiz corrections are due by midnight on the due date. Quiz corrections are due the Friday following the date that a quiz is returned to students. They can be submitted via email if a student forgets to turn them in at school.

## 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

Classwork/Homework: 20%

Assessments: 80%

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**Semester grades**

Semester grades are calculated using 45/45/10: Each quarter accounts for 45% of the semester grade and the final exam accounts for the remaining 10%.

**Units of study****Units for MAT105B Honors Algebra 1**

Quadratics

Exponential Functions

Statistics & Probability

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



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**Site:** Elite Performance Academy

**Building Principal:** Todd Bianca, todd.bianca@cusd80.com

**Teacher:** Michelle Luttrell, luttrell.michelle@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
Quadratics	<input type="checkbox"/>	<input type="checkbox"/>
Exponential Functions	<input type="checkbox"/>	<input type="checkbox"/>
Statistics & Probability	<input type="checkbox"/>	<input type="checkbox"/>

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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.

- 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)

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Student signature

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Parent/Guardian name (printed)

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Parent Signature

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Date

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***Please return this page to your student's teacher.***