



Chandler Unified School District

MAT705B Honors Pre-Algebra
SY 2023-24



Course Overview

Course Description

This course develops student understanding of proportional relationships, operations with rational numbers, and work with expressions, inequalities, and linear equations. Students will extend their previous knowledge of fractions, decimals, and integers, solve problems in a real-world context involving measurement, area, surface area, and volume, and investigate statistics and probability. This course provides a more rigorous approach to the topics covered in MAT700 as preparation for AP or IB programs. Students will use the standards for mathematical practice to engage with the subject matter.

AP/IB/Dual Enrollment

No

Prerequisite/Fee(s)

None

Course Materials

- Pocket folder
- 2 Composition notebooks
- Pencils

Adopted Resource(s)

Glencoe 2, Vol. 1 & 2, Carter et al. (McGraw Hill)

**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:

Andersen Junior High School, 1255 N Dobson Rd, Chandler, AZ 85224

Building principal:

Antasio Holley
holley.antasio@cusd80.com

Teacher:

Jonathan Pacheco BAE of Elementary Education
pacheco.jonathan@cusd80.com

Office hours: Thursdays from 3:40 - 4:15

Course Access

This course is taught in-person at Andersen Junior 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](https://cusd80.com/Page/45109) 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

- Complete assigned homework
- Cheating will result in a 0 for the assignment and a phone call home
- Cell phones must be kept in the students backpack during class time
- Students are expected to be respectful of the classroom environment
- Students are expected to behave in a such a way to ensure safety for the environment
- Students are expected fully participate and be able to work in teams as well as individually
- Students are expected to speak in a classroom appropriate way with respect for teachers and other students

Late work

- Late work will be accepted for partial credit until the unit test

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

- 70% Assessments
- 20% Classwork
- 10% Homework

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 MAT705B Honors Pre-Algebra

Analyze and graph two variable equations

Solve systems of equations
Calculate rate of change
Define, evaluate, compare and use functions to model relationships
Calculate expressions that involve exponents and scientific notation
Calculate compound probability
Collaboration
Mathematical reasoning

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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
Analyze and graph two variable equations	<input type="checkbox"/>	<input type="checkbox"/>
Solve systems of equations	<input type="checkbox"/>	<input type="checkbox"/>
Calculate rate of change	<input type="checkbox"/>	<input type="checkbox"/>
Define, evaluate, compare and use functions to model relationships	<input type="checkbox"/>	<input type="checkbox"/>
Calculate expressions that involve exponents and scientific notation	<input type="checkbox"/>	<input type="checkbox"/>
Calculate compound probability	<input type="checkbox"/>	<input type="checkbox"/>
Collaboration	<input type="checkbox"/>	<input type="checkbox"/>
Mathematical reasoning	<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.