Chandler Unified School District
MAT705A 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
Scientific Calculator Ti-30X

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:
Payne Junior High School, 7655 S Higley Rd, Queen Creek, AZ 85142

Building principal:
Lisa Palella
palella.lisa@cusd80.com

Teacher:
Tammy Emrick MEd
emrick.tamara@cusd80.com
Office hours: 89:30 am - 9:00am Monday - Friday

Course Access
This course is taught in-person at Payne 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 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

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

TO BE SUCCESSFUL

Students must follow the policies and procedures established in the Student Handbook. Copies of the handbook can be found at https://www.cusd80.com/handbooks. Printed copies will be provided upon request.

STUDENT RESPONSIBILITIES

Students must complete daily classwork/homework assignments on time, maintain a math notebook for notes, study for all tests, and ask for help when needed.

Late work

LATE WORK

The purpose of homework is to prepare my students for the quizzes and tests, so it is important that homework is completed on time. Homework is graded by completion and accuracy. Completed work means all problems have been attempted, work is shown, and written in pencil. Incomplete or late work will result in partial or no credit. Homework is due the day after it is assigned for full credit. If homework is a day late, it will be scored as 50%. If you are absent, you have the number of days you were absent to make up the assignment.

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

50% Tests
30% Quizzes
20% Homework/Classwork

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 MAT705A Honors Pre-Algebra

The Number System (Rational Numbers, Roots, Estimate Roots, and Compare Real Numbers)

Expressions and Equations (Solve Equations with Rational Coefficients, Solve and Write Two-Step Equations, Solve Equations with Variables on Each Side, Solve Multi-Step Equations)

Congruence and Similarity (Congruence and Transformations, Similarity and Transformations, Properties of Similar Polygons, Similar Triangles and Indirect Measurement, Slope and Similar Triangles, Area and Perimeter of Similar Figures)

Scatter Plots and Data Analysis (Scatter Plots, Lines of Best Fit, Two-Way Tables, Descriptive Statistics, Measures of Variation, Analyze Data Distribution)

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

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Building Principal: Lisa Palella, palella.lisa@cusd80.com
Teacher: Tammy Emrick, emrick.tamara@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
The Number System (Rational Numbers, Roots, Estimate Roots, and Compare Real Numbers)	☐	☐
Expressions and Equations (Solve Equations with Rational Coefficients, Solve and Write Two-Step Equations, Solve Equations with Variables on Each Side, Solve Multi-Step Equations)	☐	☐
Congruence and Similarity (Congruence and Transformations, Similarity and Transformations, Properties of Similar Polygons, Similar Triangles and Indirect Measurement, Slope and Similar Triangles, Area and Perimeter of Similar Figures)	☐	☐
Scatter Plots and Data Analysis (Scatter Plots, Lines of Best Fit, Two-Way Tables, Descriptive Statistics, Measures of Variation, Analyze Data Distribution)	☐	☐

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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.