Chandler Unified School District
MAT105B Honors Algebra 1
SY 2023-24

JAGUARS

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
- Folder / 3 ring binder
- Pencil
- Ruler
- Graph paper notebooks
- Math compass and protractor
** We will use graphing calculators occasionally

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

Building principal:
Antasio Holley
holley.antasio@cusd80.com

Teacher:
Mr. Andrew McGilvray MEd Curriculum and Instruction - Gifted
mcgilvray.andrew@cusd80.com
Office hours: Tuesdays 3:33 pm - 4:20 pm

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](#) 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
- Read and Follow the CUSD handbook
- Bring all supplies to class daily including you computer charged up
- Ask questions of your teammates, classmates, and teachers present in the room for any and all help
- Attend tutoring as needed

Late work
All late work due one week from when it was originally due. Full credit will only be given to those with an excused absence. Other extenuating circumstances will be considered by the teacher, otherwise late work will only receive up to 90% of the total credit.

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 / Formative Assessments - 20%
Homework / 10%
Summative Assessments - 70%

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

Modeling Two-variable Data
Exponential Functions
Quadratic Functions
Solving Quadratics and Inequalities
Solving Complex Equations
Functions and Data

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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
Modeling Two-variable Data	☐	☐
Exponential Functions	☐	☐
Quadratic Functions	☐	☐
Solving Quadratics and Inequalities	☐	☐
Solving Complex Equations	☐	☐
Functions and Data	☐	☐

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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.