Chandler Unified School District
MAT200A Geometry
SY 2023-24

Course Overview

Course Description

This course is the second year of a standards-based mathematics curriculum. Students will examine rigid transformations, prove geometric theorems, similar and congruent figures, parallel and perpendicular lines with transversals, intro to trigonometry, and properties of circles. Students will analyze the attributes and properties of two and three-dimensional shapes and develop mathematical arguments about their relationships. Students will learn to use logic, reasoning, and mathematical proofs to evaluate situations and select problem-solving strategies. 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
 Writing Utensil (preferably a pencil)
• STUNDENTS MUST HAVE A COMPASS AND PROTRACTOR, by the first full week of class.
• A Notebook or paper (1/4" graph paper suggested)
• A Folder to hold his/her Work
• A Calculator (must have sin, cos, tan)

Adopted Resource(s)

Big Ideas, Larson & Boswell (Cengage), or AGA, or 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:
Tyler Chase BA, Secondary Education (Economics)
chase.tyler@cusd80.com
Office hours: Monday/Wednesday/Thursday 7:00-7:30 AM

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

Be on time, in your seat and ready to learn when the bell rings (not walking in the door when the bell rings) - Math is best learned in the classroom.

1. Respect other's rights, person and property; rudeness will not be tolerated.
Choose to be polite and kind; using common sense and common courtesy

2. The classroom is a learning environment
a. Students are responsible for their learning
b. Cheating is unacceptable and will not be tolerated
c. Students are to be positive, active learners, contributing to the learning process in class
d. Students will help maintain a learning environment by being positive, on-task and participating

3. Follow all rules and procedures outlined in the student handbook.

4. Food, beverages or gum are not allowed in the classroom, except bottled water.

5. All electronic devices (cell phones, iPods, headphone/ear buds, etc.…) are not allowed to be used in class.

**The best way to contact me if you are off campus is through email!

Late work

I will assign homework daily. Students who do not turn in homework will be given an "M" (indicates the assignment is missing) in Infinite Campus. Students may turn in late homework for 75% credit until the Chapter Test. Homework can be turned in after the Chapter Test for half 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
Homework: 25%
Quizzes: 30%
Tests: 45%

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 MAT200A Geometry
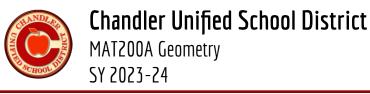Chapter 1- Basics of Geometry
Chapter 2- Reasoning and Proofs
Chapter 3- Parallel and Perpendicular Lines
Chapter 4- Transformations
Chapter 5- Congruent Triangles
Chapter 6- Relationships Within Triangles

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

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Site: Camille Casteel High School
Building Principal: Jayson Phillips, phillips.jayson@cusd80.com
Teacher: Tyler Chase, chase.tyler@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
Chapter 1- Basics of Geometry	☐	☐
Chapter 2- Reasoning and Proofs	☐	☐
Chapter 3- Parallel and Perpendicular Lines	☐	☐
Chapter 4- Transformations	☐	☐
Chapter 5- Congruent Triangles	☐	☐
Chapter 6- Relationships Within Triangles	☐	☐

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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.