



# Chandler Unified School District

MAT200B 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

- + Scientific Calculator – TI30 or up preferred
- + Printable Notes (optional)
- + Notebook or loose leaf lined or graph paper
- + Pencil

### 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:

Perry High School, 1919 E Queen Creek Rd, Gilbert, AZ 85297

### Building principal:

Heather Patterson

patterson.heather@cusd80.com

### Teacher:

Sienna Samour BS, MEd

samour.sienna@cusd80.com

**Office hours:** Monday - Thursday 2:15-3:15pm

## Course Access

This course is taught in-person at Perry 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

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- [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**

- + To attend class regularly and on time. PHS Attendance Policy will be strictly enforced.
- + To be in your seat with all class materials and ready to work when the bell rings. Remain in your seat until you are dismissed.
- + The use of cell phones or earbuds will not be allowed during instructional time. – All phones, earbuds, and smart watches will be out of reach during all assessments.
- + No food or drinks (except water) or gum in the classroom.
- + Regularly check Infinite Campus for grades, Google Classroom for announcements and course material.

### **Late work**

Late work will be accepted for half-credit up until the day of the chapter test. Once a chapter has been completed, late work will no longer be accepted and will be entered as a zero.

## **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**

Quarter Grade scores will be determined by their grade listed under Q2 or Q4 Semester Cumulative grading task in Infinite Campus.

### **Semester grades**

Semester grades are calculated using 80/20: A combination of the two quarters accounts for 80% of the semester grade and the final exam accounts for remaining 20%.

## **Units of study**

### **Units for MAT200B Geometry**

Quadrilaterals and Other Polygons  
Similarity  
Right Triangles and Trigonometry

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Circles  
Circumference, Area, Volume

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