



Chandler Unified School District

MAT205A Honors Geometry
SY 2023-24



Course Overview

Course Description

This course is the second year of a standards-based mathematics curriculum emphasizing real-life problems and applications. 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. This course provides a more rigorous approach to the topics covered in Geometry 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)

Algebra 1

Course Materials

- + Small three ring binder or notebook for notes
- + Homework packets printed out (student responsible)
- + Pencil
- + Calculator
 - TI-84 or TI-83 graphing calculator preferred (a graphing calculator will be needed for every math course after geometry)

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:

Kortney Taylor BS
taylor.kortney@cusd80.com

Office hours: Mon/Wed 2:15 - 3:00 or by appointment

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
 - [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

- + 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 will be placed in a wall pocket until instruction is complete.
 - All phones, earbuds, and smart watches will be out of reach during all assessments.
 - Per Perry rule, phones will NOT be allowed during bathroom/drink breaks.
- + 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.

Grade Breakdown:

Homework/Classwork = 20% of grade

Assessments = 80% of grade

- + Tests will be out of 100 points (using a multiplier)
 - I do allow ONE test correction per SEMESTER (up to a 70%)
- + Quizzes will be out of 50 points (using a multiplier)
 - There will be NO quiz corrections.

* I usually enter grades weekly to ensure grades are as up to date as possible. If something doesn't look right in the grade book, please feel free to email me.

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 MAT205A Honors Geometry

- Ch. 1 Intro to Geometry
- Ch. 2 Basic Concepts and Proofs
- Ch. 3 Congruent Triangles
- Ch. 4 Lines in the Plane
- Ch. 5 Parallel Lines and Related Figures
- Ch. 6 Lines and Planes in Space
- Ch. 7 Polygons
- Ch. 8 Similar Polygons

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Building Principal: Heather Patterson, patterson.heather@cusd80.com

Teacher: Kortney Taylor, taylor.kortney@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
- Ch. 1 Intro to Geometry	<input type="checkbox"/>	<input type="checkbox"/>
- Ch. 2 Basic Concepts and Proofs	<input type="checkbox"/>	<input type="checkbox"/>
- Ch. 3 Congruent Triangles	<input type="checkbox"/>	<input type="checkbox"/>
- Ch. 4 Lines in the Plane	<input type="checkbox"/>	<input type="checkbox"/>
- Ch. 5 Parallel Lines and Related Figures	<input type="checkbox"/>	<input type="checkbox"/>
- Ch. 6 Lines and Planes in Space	<input type="checkbox"/>	<input type="checkbox"/>
- Ch. 7 Polygons	<input type="checkbox"/>	<input type="checkbox"/>
- Ch. 8 Similar Polygons	<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.