

2019-2020
COURSE INFORMATION SHEET

Course Title: Geometry Honors

UC/CSU requirement: Yes/Yes

**Textbook and/or other learning resources: The University of Chicago Mathematics Project: Geometry
Discovering Geometry By Michael Serra**

Student Learning Outcomes:

This course is designed for students with a high interest and ability in mathematics. The instructional program will include consistent use of Algebra I concepts, exploratory development and demonstration of the nature of proof through logical arguments, geometric transformations, and use of problem-solving skills in the development of geometric concepts. Properties of triangles, quadrilaterals, other polygons, circles and polyhedra will be explored. The trigonometry of right triangles will also be studied. Students will also study introductory trigonometry and non-Euclidean geometry. Strong emphasis is placed on the application of algebra to geometry, including coordinate geometry.

Assessment and Grading ([BP 5121](#) / [AR 5121](#)): To ensure that every student has an equal opportunity to demonstrate their learning, the course instructors implement aligned grading practices and common assessments with the same frequency.

1. Grading categories and their percentage weights:

Homework/Classwork/Quizzes	20%
Tests	60%
Final Exam	20%

2. Weight of assignments/assessments within grading categories:
 - All tests will be of equal value
 - All homework and classwork assignments will be of equal value
 - Quizzes (when given) will be of equal value

3. Grading scales:
 - A (90 - 100%)
 - B (80 - 89.99%)
 - C (70 - 79.99%)
 - D (60 - 69.99%)
 - F (50 - 59.99%)

4. Homework/outside of class practices ([AR 6154](#)):
 - Homework is assigned daily. You can expect to spend approximately 45 minutes on each assignment.

5. Excused absence make up practices ([Education Code 48205\(b\)](#)):
 - For excused absences only, you will have the same number of days you were absent to make up any missed work. Missed tests must be made up prior graded tests being handed back to the class. Tests not made up in time will be replaced by the midterm or final exam (whichever is appropriate).

6. Academic integrity violation practices ([MVHS Academic Integrity Policy](#)):
 - See school policy

7. Late work practices:
 - Except as outlined above, late work will not be accepted

8. Revision practices:
 - There are two opportunities for test replacement. Shortly after the first (or third) quarter you will take a midterm. This midterm score is not entered in the gradebook, but it is used as a replacement tool to

replace (if it is higher) the lowest test score in the first (or third) quarter. The second replacement opportunity will be at the semester's end. The Final exam will additionally be used to replace the lowest test score (if it is higher) of the entire semester (as well as being entered in the gradebook as the entire "Final Exam" category).

9. Extra credit practices:
There will be no extra credit.

10. Additional grading practices:

Additional information:

Instructors' email addresses:

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