

Geometry

Mr. Martin
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Course Description:

Geometry MGFP 9-12 a-g

10 units/year

Prerequisites: Algebra 1, Algebra 1A and 1B, or equivalent, with grade of C or better both semesters.

This is a college preparatory course that fulfills 1 year of the high school mathematics graduation requirement as well as the UC a-g requirements.

Topics include sets, real numbers, lines, planes, angles, triangles, congruence, proofs, geometric inequalities, perpendicular lines and planes in space, parallel lines and planes, polygonal regions and their areas, similarity, plane coordinate geometry, circles, spheres, sectors, trigonometry, symmetry, transformations, vectors, and solids. Emphasis will be on developing basic analytical and theoretical skills, and curriculum will be related to SAT preparation.

Course Guidelines:

Attend class daily. It is your responsibility to make up any missed classroom assignments, notes and homework.

Be in your seat and ready to work when the bell rings. This means that your pencil is sharpened and you are ready for class activities when the bell rings. Trips to the restroom should be done between classes.

Conduct yourself in a manner that is appropriate for a learning environment. You are expected to support your teacher and the other students. When someone is presenting, keep quiet, listen, take notes. Work with your partner or team member only. The following are not acceptable in class: fighting, destructiveness, flying objects, foul language, rudeness or defiance of authority. Cell phones, music players are not allowed in class. Keep them out of sight. Hats and hoods are to be removed. Food and drinks (water OK) or gum are not allowed in class.

Complete assignments daily. Make sure that your name, the assignment page and the problem numbers appear at the top of the paper in order to receive proper credit. Unexcused late assignments will be marked down. Assignments are posted on www.mrmartinsmath.com and worksheets can be downloaded at home.

Take classroom notes. You are required to keep a notebook. Use a spiral notebook or a three ring binder. You notebooks will be graded about once a month.

Bring the following supplies to class everyday. #2 pencils or pens, eraser, lined paper, graph paper as needed, your notebook, your textbook.

No calculators in class. State tests do not allow calculators at this time. Calculators will be brought in occasionally for explorations.

Accept responsibility for your own learning. Work every assigned problem. Ask for help if you need it. Ask questions during class. Keep an accurate notebook. Study sample problems. If you fall behind, you will be asked to attend tutoring to complete your work.

Attend tutoring as needed in this room #120: Tuesday, Thursday after school.

Grades:

Students receive points for class work and homework. (5 pts.)

Quizzes are given every 2-3 days. (10-20 pts. prox.)

Tests approximately every two weeks (40-50 pts prox.)

Grades are based on:

70% Tests

25 % Assignments and Quizzes

5% Notebook

Grading Scale

A 90-100%

B 80-89%

C 70-79%

D 60-69%

F