

Honors Geometry Syllabus
Mr. Davidson - Room 331

Description: Geometry includes a study of two- and three-dimensional geometry.

Prerequisite: Honors Algebra I with a minimum grade of "B" is strongly recommended.

Outline:

- A. Transformations
- B. Triangle Congruence
- C. Proving Geometric Theorems
- D. Similarity Transformations
- E. Similarity
- F. Trigonometric Ratios
- G. Three-Dimensional Shapes
- H. Algebra in Geometry
- I. Theorems about Circles
- J. Circular Geometry
- K. Introduction to Advanced Algebra
- L. Quadratic Equations and Factoring

Textbook: *Geometry Common Core Edition* by Larson

BRING YOUR TEXTBOOK, CALCULATOR AND MECHANICAL PENCIL TO CLASS EVERY DAY.

Materials: Your textbook, at least a TI-83 calculator, **Note:** TI-83 calculators or better are required in all math classes. It is recommended that your name be etched into the calculator.

Expectations: Students are expected to come to class prepared to learn. This means you will have all of your supplies with you and will be willing to participate in class. I expect you to use class time to learn geometry. I expect you to keep up with your own work, turn assignments in on time, give every assignment your best effort, and ask for extra help if you get lost. Briefly, be prompt, polite, prepared, and productive.

Course Grading:

- 60% - Major Assessments (3 Tests per 9 Weeks)**
- 40% - Minor Assessments (Daily Homework Quizzes)**

Students with an "A" average will exempt the final exam. There is no South Carolina end-of-course exam for geometry.

Make-up: You are **not** responsible for making up Homework/Classwork assignments when you are absent. However, you are responsible for making up tests when absent. Upon your return from an absence, you will be required to make-up the test you missed.

Extra Help: Free peer tutoring is also available after school on certain afternoons each week.

Communication: Schoology is the most efficient way to reach me.