

Extra help is available from 3:15-3:30.
Students need to get a note from me the day
before to be allowed to come to my room.

Room: G-106

Phone: 355-7900

E-Mail: cswhite@greenville.k12.sc.us

School Web Site: www.greenville.k12.sc.us/riverms

Course Text: Holt, Reinhart, and Winston *Geometry* <http://www.go.hrw.com/gopages/ma/geo.html>

Course Description

Geometry has long been considered the course in which students learn to reason and to see the structure of mathematics. In this course students will continue to study the characteristics of geometric shapes and their relationships to explore and make conjectures. They will study formal logic and will learn to use deductive reasoning to solve problems and to prove their conjectures. They will discover the properties of transformations and will use coordinate systems to analyze geometric situations. They will also build and explore the characteristics of 3-dimensional objects. Finally it is hoped that they will develop an appreciation of the importance of geometry in art, architecture, and other fields.

The SC State curriculum for Geometry is available at the following website:

<http://ed.sc.gov/agency/offices/cso/standards/math/documents/2007MathematicsStandards.doc>

Course Objectives

The objectives are based on the standards found in the *South Carolina Mathematics Curriculum Standards*. Students who successfully complete Geometry with a passing grade of 70% or higher will have demonstrated the ability, concepts, knowledge, and skills required to:

- Use technology to apply basic concepts and skills to real-life models and situations
- Integrate other sciences and disciplines
- Discover concepts and rules to solve higher-order problem solving skills
- Develop technical communication skills, both oral and written

Grading Procedures:

Coursework	Greenville County Scale
10% Problem sets/Homework	93 A 100
30% - Quizzes/Computer Work	85 B 92
60% - Tests/Projects	77 C 84
Semester exams 20% of semester grade	70 D 76
	0 F 69

Required Materials:

1. **Notebook:** A loose-leaf notebook with dividers is *required*.
2. **Pencils and erasers:** mechanical pencils work best. Work must be done in pencil.
3. **Red Pen and dry erase markers**
4. **Calculator:** We will use TI83 or TI84 graphing calculators - *It is strongly suggested that the student own one.*
5. **Graph Paper**
6. **Ruler and protractor**
7. **Compass**

Make Up Work

When students return to school from an absence, it is her/his responsibility to gather all work missed. Once the “admit to class slip” is signed, the make-up assignment will be written on the back. If no admit slip is presented for teacher signature, the student must come back after 3:00 pm to receive make-up assignments. Generally, tests and quizzes that need to be made up will not be done during class time. Please arrange to make-up quizzes or tests during advisory or after 3:00 pm. All make-up work must be completed within five (5) days of the return to school.

If you have a prearranged absence such as an extra-curricular activity or doctor/dentist appointment, you must come in before school to turn in last night’s assignment and get the notes and homework for the day you are missing. You will be expected to complete the assignment and turn it in the next day.

Late Work

It is the general policy I honors level classes not to accept unexcused late work. This includes forgetting it at home or in the locker. Each student is expected to have what is needed for class each day, including the assignment due that day.

Homework

Yes, you will have homework almost every night! I will collect your homework several times a week so be ready at any time to turn in your assignment. I will be looking for the following things when I collect your homework: completion, work shown, accuracy, and corrections. The odd answers are in the back of the book and you will be expected to correct the odd problems at home as part of your homework (and don’t even think about just copying the answers; if you don’t show work, you don’t get credit). You will need to have a colored pen to correct your homework at home and during class.

All work will be completed in pencil!! You will receive half credit for any tests, quizzes, warm ups, and assignments done in pen. If you wish, you may recopy the assignment in pencil and turn it in the next day to receive full credit.

Classroom Procedures:

1. Students are expected to enter class quietly and complete the warm-up activity.
2. Homework is assigned on a daily basis. Students are responsible for each day’s work, present or not. Homework must be complete with work shown, in pencil, and neat. Students should be ready to go over homework after the warm up activity.
3. Sharpen pencils and throw away trash before class begins.
4. During teacher led activities, listen actively.
5. During group work or pair share, contribute wisely.
6. Be aware of teacher’s “quiet cues”.
7. Copy assignments and make sure directions are understood before leaving the class.

Behavior Guidelines:

1. Cooperate with your teacher and peers.
2. Respect the rights and property of others.
3. Carry out your student responsibilities.

Any behavior that interferes with the learning of self or others cannot be allowed and will be dealt with accordingly and consistently

All rules and policies in the handbook will be upheld

Consequences:

Any infraction of the rules stated above or in the student handbook must be confronted. A warning will be given. If any further action is necessary, it will usually occur in the following order:

1. **Warning**
2. **Parent Contact**
3. **Lunch detention/Detention** - 30 minutes before or after school.
4. **Referral**

Student Portal:

Handouts, test reviews and note taking guidelines will be placed in the Honors Algebra One folder in the student's home directory on the student portal. Students are expected to print these when assigned. If computer access is not available at home, students are allowed to print material in the media center.

For Parents:

Contact will be made on a regular basis through phone calls and e-mail. The grade book, which is available on the parent portal, is kept up to date. Please make sure you have a password and are able to access this valuable information. The syllabus, assignments, and other important information will be posted on my webpage:<http://webpages.charter.net/ccarson01>. Or you may link to it through the school webpage:
<http://www.greenville.k12.sc.us/riverms/>

HONORS GEOMETRY

Tentative Outline of the Course - Subject to change

Textbook: Geometry (Holt, Rinehart, Winston)

Outline is aligned to SC Geometry Standards:

<http://ed.sc.gov/agency/offices/cso/standards/math/documents/2007MathematicsStandards.doc>

First Quarter

Exploring Geometry
Transformations
Reasoning in Geometry
Parallel Lines

Second Quarter

Triangle Congruence
Perimeter and Area
Polygons

Third Quarter

Similar Shapes
Right Triangles
Trigonometry

Fourth Quarter

Circles
Area
Surface Area
Volume

ASSIGNING HIGH SCHOOL CREDIT

- This course is an honors level course. Therefore all students passing this course will be awarded the Honors grade point.
- Students with a final average of 85 and above generally will be recommended for placement in Honors Algebra Two in ninth grade.
- Students with a final average of 77 - 84 generally will be recommended for placement in College Prep Algebra Two in ninth grade. Students may retake the Honors Geometry in ninth grade. In this case, only the ninth grade retake grade will be used in figuring the student's GPR and only the ninth grade attempt will show in the transcript.
- Students with a final average of 63 - 76 will be strongly recommended to repeat Honors Geometry or take College Prep Geometry in ninth grade. In this case, only the ninth grade retake grade for Geometry will be used in figuring the student's GPR and only the ninth grade attempt will show in the transcript.
- Students with a final average of 0 - 62 will not be awarded any credit and will be recommended to repeat Honors Geometry or take College Prep Geometry in ninth grade.

Unit credit is given for high school subjects successfully completed by students. **A student must be in attendance at least 170 days to receive credit for a one-year course.** Exceptions will be made for cases of extended or chronic illness when certified by a physician and for absences for emergencies when excused by the principal.