

Geometry with Statistics CP

Greenville Senior High School

Fall 2025

I. Greenville High School Mission Statement

Our mission is to foster excellence by empowering students to become critical thinkers, productive citizens, and lifelong learners.

II. Course Description

In this college prep Geometry course, students will learn relationships between points, lines, and planes. They will learn to use both inductive and deductive reasoning as they examine geometric figures in geometric space and on the coordinate plane. We will extend student's previous knowledge of ratios and basic probability to the probability of multiple events. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience Geometry as a coherent, useful, and logical subject.

III. Course Prerequisites

Students entering this course should have mastered all South Carolina state standards for 8th grade math.

IV. Student Expectations

1. Be on time & on task
2. Be present and ready to learn
3. Bring supplies to class EVERY day (this includes your chromebook charger!!)
4. Check PowerSchool and Google Classroom EVERY day!
5. **And most importantly RESPECT...**
 - ★ The teacher
 - ★ Your classmates
 - ★ The space
 - ★ Yourself

Supplies:

- ☐ Notebook (provided)
- ☐ Pencils
- ☐ Pens or colored pencils
- ☐ Chromebook (charged!)
- ☐ Chromebook charger

II. Device Policy

NO CELL PHONES, AIRPODS, OR OTHER PERSONAL DEVICES DURING INSTRUCTIONAL TIME. Devices must be in bags or pockets, not on your desk. Per school policy and state law, having a device out during class time will result in an immediate referral.

III. Important/Helpful Websites

Backpack - This is where I enter grades. It is YOUR responsibility to check Backpack daily. If you are missing an assignment, it will be marked as a zero. If you notice any errors, please *email* me so I have a written copy of your request.

Google Classroom - CHECK EVERY DAY!

Here you can find digital copies of the syllabus and all class materials. Each day I will

post our agenda in the stream, and I will post all notes, assignments, and lesson recordings under the classwork tab.

Desmos - Online calculator and graphing tool students can use (for free!) if they do not have access to a graphing calculator outside of the classroom.

Khan Academy - Lots of example problems with video explanations.

III. Office Hours

Office hours are by appointment only during 1st lunch or before/after school. You may request an appointment in person or by email. All appointments will take place in Room 323.

IV. Distance Learning

On days where we have remote, distance, or e-learning, all information and material will be posted on Google Classroom. There will be assignments posted and you will be expected to complete them. The missing work policy will be enforced during distance learning. If you have questions or need assistance, I am always available to help via email.

V. Assessment Plan

Quarter Grade:

Major Assessments 60%

Minor Assessments 30%

Homework 10%

Semester Grade:

Q1 Grade 45%

Q2 Grade 45%

Final Exam 10%

I will follow the District grading scale: 100-90 = A, 89-90 = B, 79-70 = C, 69-60 = D, <60 = F

IV. Make-Up Work

If you are absent, it is my expectation that you will get the notes from Google Classroom and complete the assignment at home. If you miss a test or a quiz, it is your responsibility to schedule a time with me to make-up the assessment. All missing assignments will be entered in PowerSchool as a ZERO on the day that they are due. That does NOT mean that they will STAY a zero. You have one week (5 school days) from the day you return to submit make-up work without a penalty. After that, the late work policy will be followed.

V. Late Work

When a student is absent, it is their responsibility to get the make-up work from the teacher or fellow classmates. Students have 5 days to complete any and all make-up work. If make-up work is not completed within that time frame, students will be given a 50.

VI. Topics to Be Covered

Unit 1: Solving Equations Review

Unit 2: Points, Lines, and Planes

Unit 3: Bisectors and Transversals

Unit 4: Transformations

Unit 5: Introduction to Triangles

Unit 6: More on Triangles

Unit 7: Right Triangles

Unit 8: Quadrilaterals
Unit 9: Area and Perimeter
Unit 10: Circles
Unit 11: Two- and Three-Dimensional Models
Unit 12: Probability & Statistics

*Topics and the order in which they are covered are subject to change at the discretion of the instructor in order to best meet the needs of the students.

VII. Academic Integrity

Academic integrity is submitting one's own work and properly acknowledging the contribution of others. Any violation of this principle constitutes academic dishonesty and may result in a failing grade and/or conferences with parents/guardians and administration. Forms of academic dishonesty include, but are not limited to..

- Obtaining, attempting to obtain, or providing an assignment to other students.
- Discussion at any time of any graded assignment.
- Copying or attempting to copy from other students' graded assignments.
- Communicating information (answers, questions, procedures) about a graded assignment with another student.
- Preprogramming a calculator to contain answers or unauthorized information.
- Using unauthorized materials, prepared answers, notes, or concealed information during any graded assignment (includes information that can be retrieved on a personal device).

Per the student handbook, any student who violates the academic integrity policy will receive a zero for the assignment, their parents/guardians will be contacted, and administration will be notified. **Please note that submitting work produced by AI as if it were your own is an academic integrity violation.**