Class Syllabus: Geometry

Course Description

Geometry is the second course in a sequence of three high school courses designed to ensure career and college readiness. This course is intended to enhance students' geometric, algebraic, graphical, and probabilistic reasoning skills. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving geometry, trigonometry, algebra, probability, and statistics. Students will continue to enhance their analytical geometry and reasoning skills when analyzing and applying a deep understanding of polynomial expressions, proofs, constructions, rigid motions and transformations, similarity, congruence, circles, right triangle trigonometry, geometric measurement, and conditional probability.

This course has three sections: Geometry A is the first half of the course and includes Units 1 – 4. Geometry B is the second half of the course and includes Units 5 – 8. Geometry Y is the entire course and includes Units 1 – 8.

This course includes the following units:

Unit 1 – Polynomial Expressions
Unit 2 – Geometric Foundations, Construction and Proof
Unit 3 – Congruence
Unit 4 – Similarity
Unit 5 – Right Triangle Trigonometry
Unit 6 – Circles
Unit 7 – Equations and Measurement
Unit 8 – Probability and Statistics

CVA Work Policy

- All coursework must be completed and submitted using the links in CTLS by 11:59 PM on the DUE DATE.
- Work should be completed in the order it is assigned on the Class Schedule.
- All work submitted on time will be graded within 24-48 hours.
- Assignments not submitted by the due date will be marked missing. Missing assignments are calculated as zeros in the coursework average. When students submit missing work, the assignment will be graded and calculated into the course average.

The CVA term ends prior to the end of the traditional school semester. The final date work will be accepted each term is posted on the CVA website (cobbvirtualacademy.org).

Grading

Grades for the course are calculated based on category percentages as follows:

Geometry	
Categories	Weights
Assessment/Application Activity	50%
Test	40%
Final Exam	10%

Academic Integrity

Academic integrity is the cornerstone of learning at CVA and we take the integrity and authenticity of student work very seriously. When academic integrity is maintained, students will make decisions based on values that will prepare them to be productive, meaningful, and ethical citizens.

Students are required to abide by the CVA Academic Integrity Policy. Academic dishonesty in any form will not be tolerated. The CVA Academic Integrity Policy outlines the consequences if students fail to maintain academic integrity in their course.   For additional information, the CVA Academic Integrity Policy is posted on the CVA website.

Additional General Information

- Students must complete the mandatory online CVA Student Orientation each term before any course work will be graded by the instructor. Only one Student Orientation is completed each term.
- All course work must be submitted through CTLS in the format requested. Students should have access to Microsoft Office and submit assignments in that format. All CCSD students have access to the Office 365 Suite. Assignments submitted through email will not be accepted.
- Students in all sections of this course will take an online final exam during the times indicated on the CVA website.

Class Specific Information

- **Assessments and Application Activities**: After reviewing each lesson, students will complete an assessment and application activity online. Each assessment has approximately 10 questions. The application activity has free-response questions.
- **Tests:** Students should carefully review the feedback on graded items and be sure to understand the material prior to beginning the Unit Test.