

Geometry Summer 2023

Students who successfully complete Algebra/Geometry with an overall grade of B+ or better have the opportunity to take Summer Geometry. With successful completion of the course students will move to either Advanced Algebra / Trigonometry / Precalculus (AATP) or Advanced Algebra / Trigonometry / Precalculus Honors (AATP Honors).

Dates

Monday, June 12 - Friday, July 14, 2023

Format

The summer Geometry course offers rising grade 9 and grade 10 students the opportunity to fulfill the Geometry requirement and allows them to accelerate their math path. The online class takes place asynchronously, with four scheduled Zoom office hours per week. Students will be required to check into office hours via Zoom at least two times per week, and all course work must be completed during the five week period.

The class will only run if 10 or more students enroll, and will be capped at 25 students.

Requirements

Students will watch videos created by Stevenson teachers and complete daily quizzes and assignments. The daily workload will be approximately 120 minutes and there will be one minor assessment per unit, one midterm exam, and a final exam. The midterm exam and final exam must be completed synchronously on Zoom at a time to be determined. All other work will be completed and submitted using the Canvas Learning Management System.

Content Outline (Course Description)

In this comprehensive math course, students will complete a full-year Geometry course in 5 weeks. Students will develop spatial and deductive reasoning skills through an exploration of 2D and 3D shapes, congruent and similar figures, formal geometric vocabulary, basic structuring of mathematical proofs, and trigonometric identities. All topics are discussed with a connection to the coordinate plane, strengthening students' algebraic skills and preparing them for future courses.

Course Details

- Cost: \$1000
- Financial aid will be available to qualifying students
- Course fulfills Stevenson requirement for Geometry, and the University of California and Cal State University admissions requirements for Geometry
- Summer grade entered on Stevenson transcript in each semester of the following year
- Laptop computer with wireless networking required

Course Contact

For more information or to begin enrollment, please contact [Mr. Germano Diniz](#).