

# Geometry Summer 2022

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 20-Friday, July 22, 2022 9:00 a.m.-12:30 p.m.

Monday-Friday (no class Monday, July 4)

## 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 class meets in-person Monday through Thursday with Fridays reserved for synchronous remote work. The class will only run if 10 or more students enroll, and the class will be capped at 25 students. **The dorms will be closed and students will have to provide their own housing and meals.**

## Requirements

Students take daily quizzes and complete nightly assignments. The nightly workload will be approximately 90 minutes per evening and there will be five major assessments and a cumulative exam.

## 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: \$1500
- 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](#).