

Course Name: ELD Geometry

Duration: 1 Semester Full Year

Grade Level: 9th 10th 11th 12th (check all that apply)

Are there any prerequisites for the course?

Completed ELD Algebra 1 and are L1 or L2 ELD students.

WHAT this course is about:

In this class, you will be an active participant in your own mathematical learning through communicating about mathematics orally and in writing; working collaboratively with peers to explore mathematical ideas and solve problems; and developing your ability to reason and justify your reasoning.

Students who complete ELD Geometry should take Intermediate Mathematics or Algebra 2 next.

Uses Carnegie Learning curriculum.

WHY take this course:

Take this course because you are in your second course of high school mathematics.

WHAT you'll learn:

Performing Transformations
Congruence
Similarity
Right Triangles and Trigonometry
Analytic Geometry
Circles
Solid Geometry
Conic Sections

WHAT you'll do:

In this course, you will build on your work with transformations, linear equations, constructions, and angle relationships. You will apply proportions to explore similarity and relationships in right triangles. You will expand your work with circles, volume and conic sections.

WHERE this could take you:

Intermediate Mathematics, Algebra 2, and beyond.

OPTIONAL Course Outline (“scope and sequence”, sequence chart, etc.)

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