

Course Name: ELD Algebra 1

Duration: 1 Semester Full Year

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

Are there any prerequisites for the course?

Completed Mathematics 2 in Middle School 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 Algebra 1 should take ELD Geometry next.

Uses Carnegie Learning curriculum.

WHY take this course:

Take this course because you are starting your high school mathematics journey. It will build off the mathematics you learned in Middle School and further prepare you for more advanced mathematics.

WHAT you'll learn:

Foundations of Algebra
Linear Functions – graphing, solving, and writing equations
Linear Systems – solving graphically and with substitution and elimination methods
Exponential Functions – graphing, solving, and writing equations
Quadratic Functions – graphing, solving by factoring, and using polynomial arithmetic
Statistics (if time)

WHAT you'll do:

Click or tap here to enter text.

WHERE this could take you:

This will prepare you for future courses in mathematics you are required to take for graduation: ELD Geometry, Intermediate Mathematics, and beyond.

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

Click or tap here to enter text.