

College Algebra

At a glance

- Accepted for credit transfer by Strayer University
- 4.5 quarter credits at Strayer University
- Strayer University equivalency: Algebra with Applications (MAT 104)

Course description

Sophia's College Algebra course helps you build mastery around linear, non-linear, and other mathematical functions that include algebraic, graphic, and numeric properties. You will demonstrate the application of these concepts through Sophia's scenario-based activities designed around real-world situations that help you apply this knowledge in both personal and professional settings.

Assessments & grading

This is a pass/fail course. You must complete 18 Challenge assessments (these are like quizzes) and 5 Milestone assessments (these are like tests) with an overall score of 70% or better.

Learning outcomes

At the end of the course, you'll be able to:

- Perform mathematical functions involving real numbers
- Apply mathematical concepts to linear equations, inequalities, and series/sequences
- Apply mathematical concepts to linear representations and systems of linear equations and inequalities
- Apply mathematical concepts to algebraic expressions and quadratic equations.
- Apply mathematical concepts to functions and non-linear equations