



## **Course Description**

Students who love playing interactive games will love this course. Students experience intrigue and fun when they log in to Pre-Algebra. This hands-on course is full of animations, applications, videos, games, and real-world scenarios. The satisfaction students gain from truly understanding higher level concepts such as systems of equations and central tendencies encourages excitement and joy for learning they may have never experienced before.

This is a yearlong course consisting of 8 units. Upon successful completion students will receive 1 credit towards high school graduation.

## **Course Overview**

### **Semester 1**

- Real Numbers and Exponents
- Geometric Transformations
- Geometric Relationships
- Functions

### **Semester 2**

- Linear Relationships
- Patterns of Association
- Linear Equations
- Linear Systems

## **Required Course Materials**

Please access the list of course materials from the OC Online book ordering system and order your materials as soon as possible. Oftentimes, course materials are on back order and you may experience a delay in receiving them, causing students to fall behind in their online coursework. When ordering used or rented materials, be careful that online access codes are also current.

## **Methods of Evaluation**

Students will demonstrate mastery through the following formative and summative assessments:

- 40% Assignments
- 10% Participation (Discussion Posts, Synchronous Sessions)
- 10% Quizzes
- 25% Final Exam
- 15% Unit Tests