

Intro to Algebra I

Instructor: Janna Han

Weekly classes on Fridays, 7:30-8:30 P.M. EST

Course Description

By giving an overview of common topics explored in a typical Algebra I class, this course will give students a head start in the fundamentals of algebra. The course will briefly touch on a variety of topics, beginning with simple equations, expressions, and inequalities, then moving on to more complex topics, such as graphing equations and polynomials. Each class, students will be given a lesson, then practice problems. Some will be reviewed during class, while others will be done for homework. By the end of the course, students should have a basic understanding of how to manipulate symbols.

Curriculum

Unit 1: Solving Equations

Unit 2: Solving Linear Inequalities

Unit 3: Functions & Relations

Unit 4: Linear Equations

Unit 5: Systems of Equations

Unit 6: Polynomials and Factoring

Unit 7: Radicals

Meeting Schedule

10/7 Meeting 1: Unit 1

10/14 Meeting 2: Unit 1, 2

10/21 Meeting 3: Unit 2, 3

10/28 Meeting 4: Unit 3, 4

11/4 Meeting 5: Unit 4, 5

11/11 Meeting 6: Unit 5, 6

11/18 Meeting 7: Unit 6, 7

11/25 Meeting 8: Review/Catch-up Day + Mini Quiz