

Algebra 1 Syllabus

Instructor

Elizabeth Pierce

Phone

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Email

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Room

180

Conference

8:51 AM-9:39 AM

Tutoring

Tuesday mornings

7:30am-8:00am

Thursday afternoons

4:00pm-4:30pm

Course Overview

The purpose of this course is to satisfy the Algebra 1 requirements of the Texas Essential Knowledge and Skills and prepare students to pass their End of Course exam. This course extends on previous mathematics coursed and introduces more advanced topics: solving, graphing, and writing linear equations and inequalities, linear systems, exponential and quadratic functions, and factoring.

Course Objectives:

Linear Functions. Equations. & Inequalities:

- Use linear properties to write & represent in multiple ways
- Understand linear function key features & related transformations

Quadratic Functions & Equations:

- Use quadratic properties to write & represent multiple ways
- Understand quadratic graphs & their transformations

Exponential Functions & Equations

- Use exponential properties and related transformations to write, graph & represent in multiple ways

Number & Algebraic Methods:

- Use algebraic methods to rewrite in equivalent forms & perform operations on polynomial expressions
- Use algebraic methods to write, solve, analyze, & evaluate equations, relations, & functions

Grading Policy

Tests/Projects = 50%

Classwork & Quizzes = 40%

Homework-5%

Participation-5%

Classroom Expectations

- Show respect to your classmates and teacher
- Come to class prepared with your materials
- Participate actively in class discussions and activities
- Ask questions when you don't understand something.
- Always try your best!