



# Algebra I Credit Recovery

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## Instructor

Ms. Reyes

## Phone

713-688-1361

## Email

creyes12@houstonisd.org

## Classroom Location

Rm 3213

## Virtual Location

Microsoft TEAMS

## Office Hours

[3:25-4:10 pm, M](#)

[1:50-2:35 pm, T, W, Th, F](#)

## Course Overview

This course is designed for students who are still in need of an Algebra I credit and will be individualized based on student needs. Algebra 1 is the foundation for high school mathematics. Throughout the year we will be focusing on topics such as, (but not limited to), relationship between quantities, linear relationships, exponential and quadratic relationships, advanced functions and equations, and data analysis. We will be using various strategies to engage students in problem solving and reasoning.

## Course Objectives

Throughout the course, you will meet the following goals:

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.

## Relevant Text

Pearson Algebra I

## Course Materials (Virtually)

- Laptop w/ Charger
- Stylus(recommended)
- Headphones
- Wabbit Online Calculator or TI-84

## Resources

- [Khan Academy](#)
- [PhET Simulations](#)

## **Virtual Meeting Etiquette**

During our live sessions, make sure you all mute your microphones until you directed to do otherwise. TEAMS has an option of “raising your hand” use this for any questions and wait for teacher to call on you. Stay on topic, PLEASE do not post irrelevant comments, links, or pictures. We all love memes but there is a time and place for everything.

## **Communication**

I will communicate with you regularly through live sessions, pre-recorded videos, small group interventions, discussions, email, chat, and the hub. You will also communicate with classmates via online tools or face to face (eventually) as you collaborate on tasks. ASK and ANSWER questions during discussions to develop your speaking and listening skills.

## **Grading Policy**

You will be graded on the work you do online and the work you submit electronically to your teacher. Grading categories are as follows: assignments, projects, participation in Imagine Math, quizzes, tests, and final exam.

## **Attendance**

Attendance and participation are required virtually and in person when classes resume at the school building. During virtual instruction, participation is your attendance! Therefore, make sure you are submitting assignments, asking questions, visiting synchronous hours, or office hours. If there is no activity for the day, you will be marked absent

## **Late & Make-Up Work**

I will accept late work, with a 10% deduction each day it is late. If you are absent, it is your responsibility to view the planner in the HUB to see what lesson you missed that day and complete it ASAP.

## **Syllabus Acknowledgement**

Please complete this [google form](#) stating you have read and understand the information explained above, you will receive credit for acknowledging the syllabus.

## **Additional Information**

If you need additional assistance or tutoring please join me for intervention. Each period has their own intervention time slots, you may also ask for assistance during your synchronous instruction time.

Click [schedule](#) to view all times and periods.

### Course Sequence

Units	Topic
Unit 0	Basic Calculator Applications
Unit 1	Equations and Inequalities
Unit 2	Intro to Functions
Unit 3	Rate of Change/Slopes of Lines
Unit 4	Equations of Lines
Unit 5	Transformation of Linear Functions
Unit 6	Scatterplots and Trend Lines
Unit 7	Linear Inequalities
Unit 8	Systems of Linear Equations
Unit 9	Systems of Linear Inequalities
Unit 10	Sequences
Unit 11	Exponents and Radicals
Unit 12	Polynomial Operations
Unit 13	Factors of Polynomials
Unit 14	Division of Polynomials
Unit 15	Quadratic Graphs and Their Properties
Unit 16	Solutions of Quadratic Equations
Unit 17	Quadratic Functions
Unit 18	Transformation of Quadratic Functions
Unit 19	Exponential Functions
Unit 20	Readiness and Supporting Standards Review
Unit 21	Transformation of Linear and Quadratic Functions
Unit 22	Other Parent Functions