

2025-2026 Algebra 2 Course Syllabus

Course Description

Introduction to Linear, Quadratic, and Exponential Equations and Inequalities and Polynomials.

Course Objectives

- Number and Algebraic Methods
- Describing and Graphing Linear Equations, Inequalities, and Functions
- Writing and Solving Linear Functions, Equations, and Inequalities
- Quadratic Functions and Equations
- Exponential Functions and Equations

Required Materials

- TI-84 Graphing Calculator (we have a class set, however, these are NOT permitted to leave the classroom)
- Graphing Composition Notebook
- Loose Leaf Paper
- 3-inch 3 Ring Binder
- Dividers
- Pencils
- Colored Pencils
- Erasers

Grading Policy

- **Major Grades = 60%**
 - Tests, Binder Tests, Projects
 - Minimum 3 major grades each 9 weeks
 - Should you need a retake on a major grade, you must schedule tutoring within one week of receiving the grade back before you will be allowed to make a second attempt on the major assignment (*binder tests canNOT be made up*).
- **Minor Grades = 40%**
 - Daily Work, Homework, Quizzes
 - Minimum 12 minor grades each 9 weeks
 - Late Work: 1 day late= 70, 2 days=50, 3 days late=0

Class Policies and Expectations

SHOW YOUR WORK: It is essential in math that you are able to explain how you came to a conclusion. There is more than just one way to solve a problem and whatever the chosen method is, it must be clear and written out to receive full credit.

How to Enter the Classroom: *Prior to the tardy bell*

- 1) Pick up materials (notes packet, calculator, pencils)
 - a) These are located by...
- 2) Go to your assigned seat
- 3) Get out your homework to either turn in, or get ready to grade
- 4) Remain quiet while waiting for instruction/tardy bell

Writing Utensils: PENCILS are the only permitted writing utensil for completing work to be turned in.

Supplies: Please try to come prepared with your supplies and completed assignments on a daily basis. If you run out and are in need of something, I keep designated pencils, erasers, highlighters, and colored pencils for students to borrow as needed. These resources run out quickly, so please if you take something remember to replace it. Also anything on my desk is off limits unless given permission.

Restroom Breaks/Leaving Class: Requests to leave the classroom should occur at the end of direct instruction times/lessons. Students should not leave the classroom in the first or last 5 minutes of the period. Emergency situations or extenuating circumstances would be the only exceptions to leaving during these specified times.

Cell Phone/Technology Policy: Use of all personal technology devices during the school day is forbidden. Any device (phones/earbuds/smart watches) found in use will be confiscated and taken to the office.

Communication: Email is how all class information will be sent out. Emails received after 5:00 pm will be returned on the next school day. Please allow up to 24 hours for responses. Emails sent over a weekend or break will be returned on the following school day.

Course Timeline

The course will cover the following topics throughout the school year:

2025-2026:

- Unit 1 Foundations for Functions
- Unit 2 Absolute Value Functions
- Unit 3 Linear Systems
- Unit 4 Polynomial Expressions
- Unit 5 Radical Expressions and Equations
- Unit 6 Parabolas and Quadratic Functions
- Unit 7 Quadratic Equations and Inequalities
- Unit 8 Polynomial and Radical Functions
- Unit 9 Rational Functions
- Unit 10 Exponential and Logarithmic Functions
- Unit 11 Regression and Modeling (Linear, Quadratic, and Exponential)
- Unit 12 Radians and the Unit Circle
- Unit 13 Graphing Trigonometric Functions

Tutoring

- Tuesday and Wednesday Mornings at 7:30 am - First Bell
- Monday through Thursday during Hive
- Wednesday after school-Fogle (by appointment only)

Google Classroom

Class Code: 4rympnl

This syllabus serves as a guide for both students and families to understand the expectations and requirements of the Algebra 2 course. Please review it carefully and reach out with any questions.

Please **sign** and **date** acknowledging that you have read and agree to all above information. If you have questions please reach out via email to afogle@hollandisd.org or jgommert@hollandisd.org.

ALSO please fill in your **parent/guardian preferred email address**. This is how I will communicate with you throughout the school year.

Return by Friday, 8/22/25.

Student Name: _____

Student Signature: _____

Parent Name: _____

Parent Signature: _____

***** Parent/Guardian Email Address:** _____ *******

Date: _____