



# Honors Algebra 2 Course Syllabus

## Paulding County High School

### Mrs. Michelle TaiSee

Fall 2020  
Room 824



## Course Description

Algebra II is the culminating course in a sequence of three high school courses designed to ensure career and college readiness. It is designed to prepare students for fourth course options relevant to their career pursuits.

The standards in the three-course high school sequence specify the mathematics that all students should study in order to be college and career ready. Additional mathematics content is provided in fourth credit courses and advanced courses including pre-calculus, calculus, advanced statistics, discrete mathematics, and mathematics of finance courses. High school course content standards are listed by conceptual categories including Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Conceptual categories portray a coherent view of high school mathematics content; a student's work with functions, for example, crosses a number of traditional course boundaries, potentially up through and including calculus. Standards for Mathematical Practice provide the foundation for instruction and assessment.

## Unit Overview

- Unit 1 – Quadratics Revisited
- Unit 2 – Operations with Polynomials
- Unit 3 – Polynomial Functions
- Unit 4 – Rational and Radical Relationships
- Unit 5 – Graphing Rational and Radical Relationships
- Unit 6 – Exponential and Logarithmic Functions
- Unit 7 – Mathematical Modeling
- Unit 8 – Inferences and Conclusions from Data

## Materials

Students will need pencils and paper every day! All work should be done in pencil! Students will also use graph paper, colored pencils, and a calculator. Calculators will be provided at school, **but it is recommended each student have access to their own calculator for classwork and homework assignments.**

Recommended Calculators: **TI-84 Plus Graphing Calculator**

[https://www.amazon.com/Texas-Instruments-Plus-Graphics-Calculator/dp/B007WM3MW2/ref=sr\\_1\\_3?crid=27PVCIK2YTNH7&dchild=1&keywords=ti84+graphing+calculator&qid=1595947208&s=electronics&sprefix=ti+84+%2Celectronics%2C153&sr=1-3](https://www.amazon.com/Texas-Instruments-Plus-Graphics-Calculator/dp/B007WM3MW2/ref=sr_1_3?crid=27PVCIK2YTNH7&dchild=1&keywords=ti84+graphing+calculator&qid=1595947208&s=electronics&sprefix=ti+84+%2Celectronics%2C153&sr=1-3)

## Grading Procedures

Homework will be assigned most days and may be collected and graded for completion and/or accuracy. Each unit will have a minimum of 2 formative grades to include homework, quizzes, ticket-out-the-doors, and other small assessments. Each unit will have a unit exam. Some large units may be divided into two smaller units.

Formative Grades – 29%

Summative Grades – 71 %

**The overall semester final exam (teacher written exam) will count as 20% of the student's overall final grade.**

## Classroom Expectations

Students are expected to be respectful to the teacher, their peers, and to the classroom while at PCHS. They are expected to be prepared for class, by having materials and being in class on time. Students are expected to use technology (to include cell phones, tables, iPads) only at designated times during class. Students should not be using phones during class time unless given directions or permission from the teacher.

## Class Website

Please visit <http://taiseeisland.weebly.com> frequently for classroom updates, weekly blogs, handouts, and helpful videos related to class material. I plan to update my website every weekend.

Class Website



## Reminders

Please take a moment and sign up for my Remind101! Remind101 is a way for me to send text or email reminders of upcoming events and activities for class.

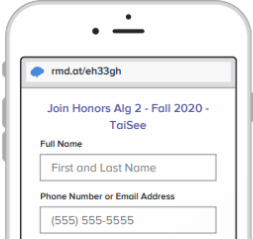
Pick a way to receive messages for Honors Alg 2 - Fall 2020 - TaiSee:

**A** If you have a smartphone, get push notifications.

On your iPhone or Android phone, open your web browser and go to the following link:

[rmd.at/eh33gh](http://rmd.at/eh33gh)

Follow the instructions to sign up for Remind. You'll be prompted to download the mobile app.


A smartphone mockup displaying a sign-up form for Remind101. The form includes a header 'Join Honors Alg 2 - Fall 2020 - TaiSee', a 'Full Name' field with a sub-label 'First and Last Name', and a 'Phone Number or Email Address' field with a sub-label '(555) 555-5555'.

**B** If you don't have a smartphone, get text notifications.

Text the message @eh33gh to the number 81010.

If you're having trouble with 81010, try texting @eh33gh to (240) 573-7759.

\* Standard text message rates apply.

A smartphone mockup showing a text message interface. The 'To' field contains the number '81010' and the 'Message' field contains '@eh33gh'.

If you have any questions or comments, please feel free to email me at [mtaisee@paulding.k12.ga.us](mailto:mtaisee@paulding.k12.ga.us)!

I look forward to a fun, exciting, math-filled year!

Michelle TaiSee 😊