

# Honors Advanced Algebra: Concepts & Connections

## Syllabus and Class Expectations



MR. SHAWN WHITE

EMAIL: [micah.white@hcbe.net](mailto:micah.white@hcbe.net)

TEACHER WEBSITE: <https://vhs.hcbe.net/micahwhite>

ROOM: 2203

### COURSE DESCRIPTION

*Honors Advanced Algebra: Concepts & Connections* is the third course in Georgia's high school math sequence. Students explore functions—including exponential, logarithmic, polynomial, radical, rational, and trigonometric—while deepening their algebraic reasoning and problem-solving skills. The course prepares students for higher-level math by emphasizing real-world applications, data analysis, and mathematical modeling.

### UNITS OF STUDY

Unit 1: Parent Functions and Transformations

Unit 2A: Graphing and Solving Quadratics

Unit 2B: Modeling Polynomial Functions

Unit 3A: Exponential and Logarithmic Functions

Unit 3B: More Exponential and Logarithmic Functions

Unit 4: Descriptive & Inferential Statistics

Unit 5: Rational Functions

Unit 6: Radical Functions

Unit 7: Trigonometry and the Unit Circle

Unit 8A: Matrices

Unit 8B: More Matrices

**GRADING POLICY:** Per Houston County Board of Education policy, each student's average will be calculated as follows:

- Major Assessments (Tests) = 45%
- Minor Assessments (Quizzes) = 20%
- Daily Work (Classwork/Homework Assignments) = 15%
- Final Exam = 20%

**INFINITE CAMPUS:** Student grades can be easily monitored by checking Infinite Campus regularly. Parents and students have access to Infinite Campus.

**CANVAS:** Students will use Canvas to access assignments, communicate with teachers and classmates, check grades, and keep track of important dates and announcements. Canvas makes it easy to stay organized and involved in the learning process.

**HOMEWORK POLICY:** To succeed in any math class, students must practice! Practice problems will be assigned daily. Students are expected to attempt each problem to receive full credit (100). If students have difficulty completing their practice work, they must reach out for help before the due date. If homework is not completed, a zero will be assigned.

**IXL POLICY:** Students will be required to utilize IXL as a means of improving specific content skills. This will be a monthly minor assessment grade which will be due on the last school day of each month. To earn full credit students will need to get four assigned skills to a score of 80%. There will not be an opportunity to earn a late grade on this assignment due to the abundance of time afforded to complete it.

**CHROMEBOOK STATEMENT:** "All students are issued a district-provided chrome book for instructional purposes, student engagement, and student learning. Chrome book use is at the direction and discretion of the classroom teacher."

**TEST RETAKE POLICY:** Students will be allowed to retake two tests during the semester, excluding semester exams. To be eligible for a retake, students must complete test corrections during tutoring or SOAR. Students have two weeks after the test is given back to complete a retest. Retakes must be finished in a single sitting and must be completed before or after school with a math teacher.

**TEST/QUIZ POLICY:** Students need to put away all smart watches during testing. Additionally, bookbags may be placed in front of the classroom for major or minor assessments.

**TUTORING:** I will be available Monday and Wednesday mornings from 7:20-7:50

**MATERIALS:** Students are expected to come to class prepared each day with their own materials, including pencils/erasers, a 3-ring binder, and a TI-84 calculator.

## **EXPECTATIONS:**

### **CLASSROOM RULES**

1. Bring all supplies to class every day.
2. Sharpen pencils before class starts.
3. Use the restroom before class or last 10 min.
4. Stay seated during instructional time.
5. No food or drinks in class.
6. Leave other student's property alone.
7. Do not ask for a pass during instructional time.
8. All student handbook rules apply as well.

### **CONSEQUENCES**

If any student should fail to comply with the classroom rules, he/she will receive:

First: Reminder of classroom expectations

Second: Parent contact

Third: Office referral

# PLEASE RETURN THIS PAGE

## Honors Advanced Algebra: Concepts & Connections Mr. Shawn White

Student Name (Print) \_\_\_\_\_

Period \_\_\_\_\_

Parent/Guardian Name \_\_\_\_\_

Number \_\_\_\_\_

Parent/Guardian E-mail Address \_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_

Student Signature \_\_\_\_\_

.....

**By signing above I acknowledge that I have received, read and understand all the objectives, student expectations, classroom rules and procedures, grading policy, disciplinary consequences, calculators, and tutoring information in the syllabus for the Advanced Algebra 2 course.**

Parent/ Guardian, please include your email address and the single best phone number at which to contact you between 7:30-3:30.