



## Course Syllabus: Honors GSE Algebra II

### Course Description

Honors GSE 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 Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that student experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

The honors course is more challenging than standard courses and provides multiple opportunities for students to take greater responsibility for their learning. Algebra II Honors builds on algebra knowledge while also preparing you for future math courses. It teaches you to think logically, problem solve, and use critical thinking skills in real life situations.

This course has three sections: Honors GSE Algebra II A is the first half of the course and includes Modules 1 – 4A. Honors GSE Algebra II B is the second half of the course and includes Modules 4B – 7. Honors GSE Algebra II Y is the entire course and includes Modules 1 – 7.

This course includes the following modules:

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

### Textbook

The Honors GSE Algebra II course references a textbook which is available online and in hard copy. *Georgia Advanced Algebra*, Houghton Mifflin Harcourt

### Course Participation Policy

Students should follow the Course Schedule (located in Course Information area of course) and all course work must be submitted no later than 11:59 PM on the due date.

After the due date has passed, instructors will enter zeros in the Grade Center for work not submitted by the deadline. During student breaks and towards the end of the semester, students may have the opportunity to improve their course grade by completing and submitting work with grades of zero from earlier in the semester. Zeros will remain in the Grade Center until course work is submitted and evaluated by the instructor.

The CVA term ends prior to the end of the traditional school semester. The final date work will be accepted each term is posted on the CVA website (cobbvirtualacademy.org).

### **Grading**

Grades for the course are calculated based on category percentages as follows:

Assignments	= 40%
Quizzes	= 30%
Tests	= 20%
Final Exam	= 10%

### **Academic Integrity**

Academic integrity is the cornerstone of learning at CVA and we take the integrity and authenticity of student work very seriously. When academic integrity is maintained, students will make decisions based on values that will prepare them to be productive, meaningful, and ethical citizens.

Students are required to abide by the CVA Academic Integrity Policy. Academic dishonesty in any form will not be tolerated. The CVA Academic Integrity Policy outlines the consequences if students fail to maintain academic integrity in their course. For additional information, the CVA Academic Integrity Policy is posted on the CVA website.

### **Additional General Information**

- Students must complete the mandatory online CVA Student Orientation each term before any course work will be graded by the instructor. Only one Student Orientation is completed each term.
- All course work must be submitted through Blackboard in the format requested. Students should have access to Microsoft Office and submit assignments in that format. All CCSD students have access to the Office 365 Suite. Assignments submitted through email will not be accepted.
- The 'Grade before Final Exam' column in the student Grade Center shows the current grade for the course and is automatically calculated.
- Students in all sections of this course will take an online final exam during the times indicated on the CVA website.

### **Course Specific Information**

- **Practice Assignments:** After reviewing each lesson, students will complete a practice assignment ONLINE. Each assignment has approximately 10 questions. You may start the assignment and if you do not complete all the problems, you may SAVE the assignment and come back to it later. When you have completed the assignment, you must click the SUBMIT button.
- **Quizzes and Tests:** Quizzes and tests are password protected. To get the password for a quiz or test, you must submit the assignments leading up to that quiz or test. You should carefully review the feedback on your graded assignments and be sure you understand the material prior to beginning the quiz or test.