



Course Syllabus: Accelerated GSE Pre-Calculus

Course Description

Accelerated Pre-Calculus is the third in a sequence of mathematics courses designed to ensure that students are prepared to take higher-level mathematics courses during their high school career, including Advanced Placement Calculus AB, Advanced Placement Calculus BC, and Advanced Placement Statistics. It focuses on standards to prepare students for a more intense study of mathematics. 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. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

This course has three sections: Accelerated GSE Pre-Calculus A is the first half of the course and includes Modules 1 – 5. Accelerated GSE Pre-Calculus B is the second half of the course and includes Modules 6 – 11. Accelerated GSE Pre-Calculus Y is the entire course and includes Modules 1 – 11.

This course includes the following modules:

- Module 1 – Matrices
- Module 2 – Conics
- Module 3 – Introduction to Trigonometric Functions
- Module 4 – Trigonometric Functions
- Module 5 – Trigonometric Identities
- Module 6 – Trigonometry of General Triangles
- Module 7 – Vectors
- Module 8 – Probability
- Module 9 – Inferences & Conclusions from Data
- Module 10 – Polar and Complex
- Module 11 – Sequences and Series

Textbook

The Accelerated GSE Pre-Calculus course references a textbook which is only available in hard copy. *Glencoe PRECALCULUS*, McGraw-Hill

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	= 30%
Quizzes	= 30%
Tests	= 20%
Final Exam	= 20%

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/EOC' 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 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. Students can start the assignment, SAVE the assignment and come back to it at a later time. Once the assignment is complete, students should click the SUBMIT button.
- **Quizzes and Tests:** Quizzes and tests are password protected. To get the password for a quiz or test, the student must submit the assignments leading up to that particular quiz or test.

Students should carefully review the feedback on graded assignments and be sure he/she understands the material prior to beginning the quiz or test.