

To be successful in AP Precalculus, you will frequently need to use previous Algebra, Geometry, and Advanced Algebra skills. The following list contains Algebra and Geometry standards you need for success in AP Precalculus:

- AA.FGR.3: Explore and analyze structures and patterns for exponential and logarithmic functions and use exponential and logarithmic expressions, equations, and functions to model real-life phenomena.
- AA.FGR.4: Explore and analyze structures and patterns for radical functions and use radical expressions, equations, and functions to model real-life phenomena.
- AA.FGR.5: Extend exploration of quadratic solutions to include real and non-real numbers and explore how these numbers behave under familiar operations and within real-world situations; create polynomial expressions, solve polynomial equations, graph polynomial functions, and model real-world phenomena.
- AA.GSR.7: Develop an introductory understanding of the unit circle; solve trigonometric equations using the unit circle.
- AA.FGR.8: Analyze the behaviors of rational functions to model applicable, mathematical problems.

This is a required assignment and will count as one minor grade in your minor assignments category for the first semester. Choosing not to complete the summer work on time or at all will negatively affect your performance in the class. Read the instructions carefully to know exactly what you need to do.

Precalculus Summer Work—to be completed no later than Tuesday, August 5, 2025

STEP 1: Register for summer work course via hyperlink <https://www.khanacademy.org/join/FKHAWXNZ> OR

- Visit www.khanacademy.org/join and enter your class code **FKHAWXNZ** to join the AP Precalculus Summer Work 2025 Class,
- You may need to register with your email.
- Please be sure to use your full name as your username for identification purposes to receive credit for your work.

STEP 2:

- Complete the AP PRECALCULUS SUMMER WORK 2025 COURSE **MY MASTERY GOALS**.
- You may use your calculator and/or scratch paper, but not notes or computer websites while taking the quizzes/tests.
- Students are expected to adhere to the Honor Code:

On my honor, I pledge that I have not given nor received any unauthorized aid on this assignment.

STEP 3:

- Review the “PRECAL PREREQUISITE FORMULAS TO KNOW” file and begin memorizing those formulas.
 - Creating and studying flashcards would be a helpful strategy for retaining the information.
- A quiz will be given the end of the first week of school over the prerequisite formulas.

Again, the due date for summer work is Tuesday, August 5, 2025.

When school starts for 2025-26, the expectation is that you have mastered the summer work concepts and can readily apply those concepts.

If you have questions, you are welcome to email me (jacksla1@boe.richmond.k12.ga.us). Please know that my school email will be checked periodically over the summer break.