

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 towards your minor assignments category in 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 Monday, August 5, 2024

STEP 1: Register for summer work course via hyperlink <https://www.deltamath.com/students?code=72JS-3A34> OR

- Go to <https://www.deltamath.com/students>
- Click the yellow “Register” button & enter this code: 72JS-3A34 to join the 2024 Precalculus Summer Work Class, then register with your email.

STEP 2:

- Complete the 2024 PRECALCULUS SUMMER MASTERY **ASSESSMENT**.
- You may use your calculator and/or scratch paper, but not notes or computer websites.
- 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:

- View your results by clicking the white “Show Solutions” button, in the top right corner of the first box labeled “2024 PRECALCULUS SUMMER MASTERY **ASSESSMENT**”.

STEP 4:

- If you are happy with the grade you earned, you are done with your summer work. The score earned will count towards your minor assignments category in the first semester.
- If you would like to improve the grade you earned, you may do the 2024 Precalculus Summer Mastery **Corrections** in DeltaMath by clicking the green “Initialize Test Correction” button and the score you earn on the corrections will replace your original score.
- The due date is Monday, August 5, 2024.

When school starts for 2024-25, 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 (jacks1a1@boe.richmond.k12.ga.us). Please know that my school email will be checked periodically over the summer break.