



Preparing for Success in Calculus

Mondays – Fridays, 9 a.m. – noon (with daily office hours 8 a.m. – 8:45 a.m.)

June 7 – 28, 2023 (no class on June 19 in observance of Juneteenth)

on the Rice University campus

The content of the three-week program, Preparing for Success in Calculus, focuses on introductory calculus topics, including limits, continuity, differentiability, and applications of the derivative, with a focus on mathematical communication, proof and justification, and real-world applications. Pre-calculus topics necessary for success in advanced mathematics, including properties and characteristics of function families are reinforced through the lens of calculus. Students, in groups, will engage in learning activities and use visualization technology when appropriate. The instructional approach used in this program helps students make mathematical connections and will provide students with mathematical knowledge and skills as well as learning strategies to prepare them for success in their future mathematical studies.

Dr. Anne Papakonstantinou and Dr. Richard Parr will facilitate the program. They are award-winning mathematics teachers who have taught calculus at the high school and university levels and are acknowledged experts in working with gifted and talented students of mathematics.

Guest speakers will include faculty from the Rice University Departments of Mathematics and Computational and Applied Mathematics and mathematicians from industry.

Each student will receive program materials.

Cost per student is \$950 (tuition) + \$5.95 (registration fee). Enrollment is limited.

To register: <https://campscui.active.com/orgs/RUSMP?season=3249435>

For further information contact:

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