

***You are invited to apply for the Precalculus Summer Institute!***  
***Please read the contents of this message closely and then follow [this link](#) to apply.***

### **What is the Precalculus Summer Institute?**

The Precalculus Summer Institute offers an affordable opportunity to hone your mathematical skills with an abundance of faculty and upper-level student support. Through both remote and residential formats, you will participate in four exhilarating weeks of hands-on projects, guided instruction, and CBU community enrichment. All participants are expected to have reliable internet access and commit to active participation and attendance in all activities.

***Our goal is for each of our students to jump start their experience as CBU Buccaneers and to begin fall semester Calculus-ready.*** Students who successfully complete this program will receive three (3) credit hours for MATH 117 (Precalculus), earn the opportunity to stay “on-track” by enrolling in Calculus I this Fall, and develop relationships with incoming STEM students, upper-level student mentors, and many faculty members that will prove invaluable to the CBU experience. In return, students are asked to be faithful in their commitment to participating fully in the institute, including exerting their effort, energy and time in fulfillment of all requirements.

### **Why is Calculus so Important?**

Mathematics forms the backbone for all STEM (Science, Technology, Engineering, and Mathematics) disciplines. A proficient understanding of mathematical concepts is necessary to be successful in almost every STEM field. In order to graduate with a STEM degree in four years, Engineering and other STEM paradigms begin with Calculus I in the first semester. If you take Precalculus in the first semester, you could be required to take a more advanced mathematics course (like Calculus II) in a future summer term. Worse yet, you may need to enroll in an extra semester of coursework in order to meet your degree requirements for your intended program of study.

### **Dates and Times:**

The Precalculus Summer Institute will run from ***Tuesday, July 5 through Friday, August 5.***

- **July 6 – July 29:** Content delivery, group work, guest presentations, exams, and other activities will take place online ***Monday-Friday between 8:15am-1:30pm.***
- **July 31 – August 5:** On-campus, residential experience beginning Sunday, July 31 through the morning of Friday, August 5. This will lead directly into the New Student Orientation experience August 5-6.
- A detailed schedule will be provided after applications have been reviewed and accepted.

### **Cost:**

There is a **one-time fee of \$95** to participate in this program, which will be added to your fall semester bill.

- This amount represents a \$1,300+ savings as compared to paying full summer tuition charges for a three-credit course! We are subsidizing this cost as an investment to help you launch your CBU experience in a positive way.
- When you complete the application, you will acknowledge and accept the required \$95 fee but will not be asked to make any payment at that time.

### **Materials:**

You must have a **computer with reliable internet access and video conferencing capabilities**.

- If you are interested in the program but have concerns about access to a computer, please complete the form and indicate that where prompted.
- A member of Student Success will follow up with you.

A TI-89 Graphing Calculator is *required* for the Calculus sequence at CBU (Calculus I/II/III). As the Precalculus Summer Institute is designed to prepare students in STEM for this sequence of courses, **it is strongly recommended that you obtain your own TI-89 if you do not already have one**.

- If you are interested in this program and do not currently own a TI-89 calculator, please indicate that on the application form and feel free to contact Dr. Justin Smith at [jsmit120@cbu.edu](mailto:jsmit120@cbu.edu) with additional questions.

### **Application and Deadline:**

Please [click here](#) to apply as soon as possible.

- You are encouraged to **apply by Tuesday, June 21** for priority placement.
- The final application deadline is Tuesday, June 28.
- All applicants will receive more information and instructions shortly following these deadlines.

### **Questions?**

- Contact the Student Success team ([studentsuccess@cbu.edu](mailto:studentsuccess@cbu.edu)) with any general questions about applying for this opportunity and/or what to expect as you look forward to starting your CBU journey.
- Reach out to Dr. Smith ([jsmit120@cbu.edu](mailto:jsmit120@cbu.edu)) with specific questions about the curriculum or materials.