



**Prairie View A&M University
Brailsford College of Arts and Sciences**

Department of Mathematics

2018 Mathematics Summer Bridge Program

This summer (2018), the **department of mathematics** offers a **five-week summer program**, during the **Summer Session I**, designed primarily for mathematics majors and other STEM disciplines that will prepare students to succeed in **Calculus I (MATH 1124)** as well as provide a solid background to ensure student success for Calculus II and other STEM courses requiring Calculus I as their pre-requisite.

Participants in the 2018 Mathematics Summer Bridge Program will have the **opportunity** to:

- complete 4 credit hours of college-level Calculus I;
- network with faculty, staff, and administrators; and
- meet other STEM students at PVAMU.

PVAMU is dedicated to seeing the success of its students, and, thus, the **University will cover the cost of:**

- (1) summer tuition and fees;
- (2) housing;
- (3) meals;
- (4) other associated activities such as field trips;
- (5) the electronic version of the textbook for the course; and
- (6) access to the online homework management system.

Applicants are to meet the following **minimum qualifications**:

- be a returnee, or just-admitted and enrolled, as a student at PVAMU;
- have successfully completed College Algebra (MATH 1113) and Trigonometry, (MATH 1123), or College Algebra and Trigonometry (MATH 1115), or their equivalents (if transferred) or have passed a Calculus Readiness Test (administered in the PVAMU Department of Mathematics); and
- have a minimum GPA of 2.5 (on a scale of 4.0), either at PVAMU (for returnees) or from high school (for high school students just-admitted and enrolled at PVAMU).

Interested students are asked to complete the online application by **May 5, 2018**. The application can be found at https://pvamu.col.qualtrics.com/jfe/form/SV_5tqNEBJv9wVAssZ. Applications will be reviewed as they are received in order to provide applicants with notification of program admission status.

Capacity of the program is 30 applicants. Thus, it is important the interested students apply immediately before the capacity is full.

The program will be held during the **2018 Summer Session I**; the first day of class will be **June 4, 2018**. Students will be expected to move into PVAMU housing on **June 3, 2018**.

All students **must stay on campus** during the program length. However, they may return to their family over the weekends. The latter type of students must indicate on the application and should sign out and in before and after their departure.

Participants are **not allowed** to enroll in other course during this program.

All applicants must plan **to attend Prairie View A&M University** in the Fall 2018 semester.

Mathematics majors who pass the course are asked to report to the Department of Mathematics **within one week** of the final grade being posted online.

For students who will stay on campus during the weekend, the Summer Bridge program will take participants on **two trips**: one trip to the **Museum of Fine Arts, Houston**; and one to **Space Center Houston**, the nonprofit gateway to NASA Johnson Space Center.

If you have any questions or concerns, please feel free to contact Dr. Aliakbar Montazer Haghighi, Professor and Department Head of the PVAMU Department of Mathematics at amhaghighi@pvamu.edu or by phone at 936-261-1970.

The following serves as the Mathematics Summer Bridge Program Policies, Regulations and Frequently Asked Questions

Question: What is the **cost** to participate in the Mathematics Summer Bridge Program?

Answer: **None.** There is no cost to participants. The Program will cover the costs of tuition and fees, room and board, the textbook needed for the course, and other costs involved such as travel.

Question: What academic **requirements** are needed of students who are selected to participate in the Mathematics Summer Bridge Program?

Answer: (1) Students selected for participation in the Mathematics Summer Bridge Program need to be students **currently enrolled** at PVAMU or admitted and enrolled as newly-incoming freshmen.

(2) All participants must be TSI-Compliant (having satisfied all TSI requirements in Mathematics, Reading, and Writing) as well as be **eligible to enroll in Calculus I** (MATH 1124), either through completion of both College Algebra (MATH 1113) and Trigonometry (MATH 1123), or College Algebra and Trigonometry (MATH 1115), or their equivalents, or have passed a Calculus Readiness Exam (administered at the PVAMU Department of Mathematics).

Question: When does the Mathematics Summer Bridge Program **begin**?

Answer: The class for the Mathematics Summer Bridge Program will begin **June 4, 2018**. Program participants are expected to move into PVAMU housing for the Summer Session I term on **June 3, 2018**. **The last day** of class for the Summer Session I is July 6.

Question: Which courses am I allowed to enroll in as a Mathematics Summer Bridge Program participant?

Answer: The Mathematics Summer Bridge Program requires all participants to enroll **only** in MATH 1124 (Calculus I). This 4 credit hour course is required for many STEM degree plans. In **addition** to the course, additional tutoring time and instruction will be provided. This program is designed to provide a solid foundation of necessary algebra and trigonometry skills that are highly valuable in the calculus sequence (Calculus I, II, and III) as well as in higher-level mathematics courses. While the immediate focus will be on successful completion of MATH 1124, the long-term goal of the Mathematics Summer Bridge Program is the future success of program participants in their future mathematics courses as well as other STEM courses that utilize the algebra, trigonometry, and calculus skills necessary for a solid mathematics education.

Participants in the Mathematics Summer Bridge Program **are not allowed to take any other course** during Summer Session I.

Question: What documents/information will I need to complete the Mathematics Summer Bridge Program application?

Answer: The application, which is to be completed online at https://pvamu.co1.qualtrics.com/jfe/form/SV_5tqNEBJv9wVAssZ, for the Mathematics Summer Bridge Program will **require**, in addition to personal information, the following:

- Current **GPA** (PVAMU GPA is a returnee, or high school GPA is a newly admitted and enrolled high school student), and
- PVAMU **Student ID Number** (P-Number).

Question: Will I be able to work on-campus or off-campus while I am participating in the Mathematics Summer Bridge Program?

Answer: You **cannot work on-campus or off-campus** during the week (Monday-Friday) while participating in this program.

Question: I have a family **reunion, family trip and/or doctor's appointment** scheduled while I am participating in the Mathematics Summer Bridge Program. Can I take time off?

Answer: **No.** The Mathematics Summer Bridge Program is an accelerated academic summer program. Missing one day is equivalent to missing a week of school. All students must attend every day of all scheduled classes. If you have upcoming appointments, please reschedule for a date when you are not participating in the Mathematics Summer Bridge Program.

Question: Can my family and friends living in and around Prairie View **visit** me during the week or on the weekend?

Answer: **No.** In order to protect the safety of all participants, we ask that you ask your family and friends not to visit during the week or over the weekend. You are, however, allowed to check out with an approved family member/friend to leave for the weekend.

Question: Can I go **home** on the weekend?

Answer: **Yes**, you are allowed to travel home for the weekend if you choose to do so. Weekend activities will be provided for those who are not interested in traveling home on the weekend.

Question: Can I bring my **car** with me while I am participating in the Mathematics Summer Bridge Program?

Answer: No, cars are not allowed during the duration of the Mathematics Summer Bridge Program. Everything you need will be provided for you here on campus. If there are any special items you require, a parent or family member will be responsible for delivering the items to you.

Question: What if I miss more than 10% of the classroom time?

Answer: Participation in all aspects of the Mathematics Summer Bridge Program is imperative. Full attendance is mandatory for all participants. If absenteeism reaches greater than 10% of the semester class time, you will be asked to **reimburse** all costs paid for your participation in the program.