

Application Process

Space is limited to a total of 250 students for all four years combined.

A **complete** **TexPREP** application must include:

- TexPREP Application-Can be downloaded at :
<http://www.tamui.edu/specialprograms/TexPREPApplicationProcess.shtml>
- Two letters of recommendation from a math and either a Science, English teacher or Counselor. (Found within application.)
- A 150-250 word essay on why they want to participate in TexPREP.
- Latest official report card that contains grades for English, Math, and Science.
- Selection of test date March 1, 2014 or March 8, 2014
- After application is completed, please have application revised for completion at our office (SC126). Instructions will then be given to complete the online portion of the application. Computer will be made available at our office. This process might take 10-20 minutes, after which payment will be required/submitted.
- Application Processing and Testing fee:
 - Early Bird (Before December 20, 2013-3:00pm)- \$30.00
 - Regular Fee (December 21, 2013- February 13, 2014)- \$50.00
 - Late Fee (February 14- March 8, 2014)- \$75.00(Only if space is available.)
 - Final Late Fee (After March 8, 2014)- \$100.00(Only if space is available.)

Incomplete applications will not be accepted.

More about TexPREP!

Facilities

Unless otherwise specified, all curriculum offerings will be on the Texas A&M International University campus. These facilities include the Sue & Radcliffe Killam Library, the TAMIU Computer and Science Labs, the University classrooms, and the Lamar Bruni Vergara Science Center.

Staff

Courses will be taught by University professors, visiting professors from public schools, and members of the working science and engineering community.



Texas Prefreshman Engineering Program

For more information, please contact:

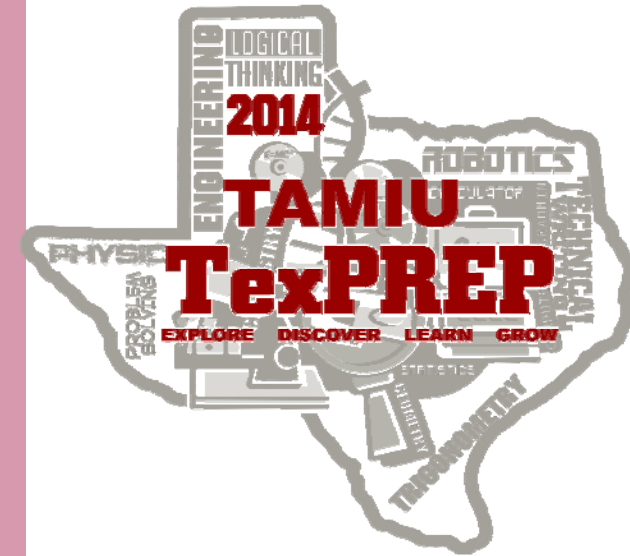
The Office of Special Programs

Phone: 956.326.2700/956.326.2702

Fax: 956.326.2699

Website:

www.tamui.edu/specialprograms/TexPrep.shtml



Texas Prefreshman Engineering Program

June 09, 2014- July 31,
2014

Welcome *TexPREP!!!*

Texas A&M International University is pleased to announce its 29th Annual Texas Prefreshman Engineering Program (TexPREP), an opportunity for high-ability local and area middle and high school students to be exposed to college-level mathematics, science and engineering studies.



Description

Since the traditional obstacle for many under-represented minorities and females is mathematics and its problem-solving applications, a major objective of TexPREP is to strengthen students' abstract reasoning and problem-solving skills. Program efforts are directed toward discussion of college-level topics not previously available to students. An additional emphasis is placed on mathematics, science, engineering awareness and career opportunity components.

Goals

To increase the number of prepared under-represented minority and female students to:

- Pursue a career in Math, Science, Technology, or Engineering.
- Increase the rate of students at the post-educational level.
- Acquaint students with professional opportunities affiliated with the program.

Schedule

The program will run on a tentative schedule of Monday thru Thursday from 8:30am to 4:00pm, June 9 through July 31, 2014.

Course of Study

1st Year

- Logic
- Problem-Solving (Algebra)
- Calculators
- Pre-Engineering
- Research and Study

2nd Year

- Technical Writing
- Problem-Solving (Geometry)
- Engineering (Robotics)
- Chemistry
- Computers (C++)

3rd Year

- Advanced Technical Writing
- Problem-Solving (Algebra II)
- Physics
- Engineering Drafting
- Computers (C++)

4th Year

- Research and Study
- Problem-Solving (Calculus)
- Water Science
- Web Design
- Advanced Calculators



Field Trips

Participants are invited to attend an overnight stay or one day field trip during the last week of the program as an educative incentive for their hard work. Previous field trips have included: USS Lexington, Texas State Aquarium, College and University Visits, NASA-Johnson Space Center, Downtown Aquarium-Houston, Texas, Houston Museum of Natural Science, and Perot Museum of Nature and Science.

* All years will include a Career Awareness session at the end of the regular class day.

* Classes are subject to change.

* No more than 3 absences are allowed for 8 week program.