You’re invited to apply for Tex PREP. The second year of PREP offers great learning opportunities. Explore algebraic structures and be introduced into the world of physics and its scientific discoveries. Share experiences with students from all over Laredo and surrounding counties who are also committed to learning, making new friends, and exploring the future.

Your journey will begin at Texas A&M International University campus and will continue for 8 weeks in the summer. Meet professionals in the fields of mathematics, science, technology and engineering who will share their experiences and knowledge about possible future careers.

The program is challenging - but rewarding! PREP will make a big difference for you with your classes at school. Plus, PREP will help you make your dreams for the future a reality.

**PREP has proven history of success!**

Application Deadline: February 28, 2005
Laredo Prefreshman Engineering Program (PREP)
PROGRAM OVERVIEW - PREP 2nd Year

What: PREP is an eight week, mathematics-based, academic enrichment program. It emphasizes the development of abstract reasoning and problem solving skills. PREP helps students prepare for careers in the fields of mathematics, science, technology and engineering. The program includes course work, team projects, class presentations, examinations, career awareness speakers and special events. PREP is presented over the course of three summers. Students reapply each year.

Who: PREP expects to enroll 120 middle school and high school students from all over Laredo and surrounding counties. Students are eligible if they have the interest and potential for careers in mathematics, technology, science or engineering. Minority students and women are especially encouraged to apply. Students with disabilities are welcomed.

When: June 6- July 28, 2005
Hours: 8:00am-3:00pm (Monday-Thursday)

Where: Texas A&M International University Campus

Cost: Classes are tuition free.

PLEASE NOTE THAT: Participants must provide for their own transportation and noon meal.

Requirements: Grades 7
- Completion of PREP 1st year
- 90 average in mathematics class (80 or better if honors or advanced placement)
- 85 or better overall average
- Satisfactory conduct grades
- A well-written essay on how you benefited from Tex PREP.

Grades 8, 9, 10 and 11
- Completion of PREP 1st year
- 80 average in mathematics class (75 or better if honors or advanced placement)
- 80 or better overall average
- Satisfactory conduct grades
- A well-written essay on how you benefited from Tex PREP.
- **Course requirements** -- To be completed by June 2005:
  * 8th grade students -- At least Pre-Algebra
  * 9th grade students -- At least Algebra
  * 10th grade students -- At least two of the following: Algebra I, Algebra II or Geometry
  * 11th grade students -- At least Algebra II and Geometry.

IMPORTANT: “First come, first serve” basis – so make sure your application is complete and mailed in early!

Application Deadline: February 28, 2005
Laredo Prefreshman Engineering Program (PREP)
IMPORTANT TIPS – PREP 2nd YEAR

To make sure that you have the best chance of being accepted, be SURE to do the following things:

- Get your application in on time! The due date for Tex PREP 2nd year applications is February 28, 2005. Send it early, if possible - "first come, first serve" basis.

- Be certain that your application is complete!! Use this checklist and send EVERYTHING in at once. Staple it together. Your application will NOT be processed until it is complete!

Application Checklist:

- Read the information on Tex PREP. Be sure you're willing to do this.
- Talk it over with your parents. Make sure you have their permission.
- Check out transportation arrangements and talk to your parents about this.
- Be sure to write down the school district you live in, even if you go to a private school.
- Make sure one of your parents, or your guardian, signs! Your application is incomplete without this.
- Think about your essay. Does it REALLY answer the question? Did you check for spelling and grammar? Is it something you feel proud of?
- Include a copy of your latest report card.
  - It MUST have information on conduct.
  - It MUST show if any of your courses are honors classes or advanced placement.
  - It MUST be an official copy – not hand written.
    (If you have lost your report card, ask you Guidance Counselor for a duplicate, on letterhead and signed by the Counselor or Principal. Conduct and honors or advanced placement MUST be listed.)
- Be sure you answer all the questions. Check and double check again!
- Once completed, keep a copy of the application for your records.
- Staple everything together and mail, postmarked by February 28, 2005, to:

  Texas A&M International University
  Attn: Dr. Julio F. Madrigal-2005 PREP/2nd Year
  Office of Special Programs
  5201 University Blvd.
  Laredo, Texas 78041-1900

- Expect to hear from us after April 28, 2005!!

We appreciate your interest in Tex PREP!
Call us if you have any questions!
(956) 326-2700
Laredo Prefreshman Engineering Program
PREP 2nd Year Application

DIRECTIONS
- Print clearly in ink.
- Be sure to answer all questions.
- Remember your parent/guardian’s signature.
- DEADLINE: POSTMARKED ON OR BEFORE February 28, 2005. DON’T MISS IT!

Mail your complete application to: Texas A&M International University
Attn: Dr. Julio F. Madrigal-2005 PREP/2nd Year
Office of Special Programs
5201 University Blvd.
Laredo, Texas 78041-1900

PERSONAL INFORMATION

Legal Name: Last____________________________ First____________________  Middle Initial______
Social Security Number _________________ Gender: ___Male ___Female  Date of Birth: __/__/__
Ethnicity: _____ American Indian   _____ Anglo   _____ African American
_____ Hispanic   _____ Asian   _____ Other

Address _______________________________ P.O. Box___________
City _____________________________________ State__________________________Zip________________
Home Phone (_____) ______________________ E-mail ___________________________________________

SCHOOL INFORMATION

2004-2005 Grade Level:  _____7  _____8   _____9   _____10   _____11
Name of School ___________________________________School Code*_________________
Public School District You Live In______________________________________________________

FOR OFFICE USE ONLY

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Application Deadline: February 28, 2005
List the activities or special things you have done in mathematics or in science.  
(For example: honors, gifted or advanced classes, science fairs, special clubs, etc.)

How did you first hear about PREP?  

- Teacher  
- Principal  
- Counselor  
- Poster/Flyer  
- Former Participant  
- School Presentation  
- Friend  
- Brother/Sister  
- Radio/Newspaper  
- Other: ____________________________

SCHOOL HISTORY  
Mathematics:  Please check below the subjects you have already taken.  (Ask your math teacher, if unsure.)

- Pre-Algebra  
- Pre-Calculus  
- Geometry  
- Other: ____________________________  
- Algebra I  
- Calculus  
- Informal Geometry  
- Analytic Geometry  
- Algebra II  
- Numerical Analysis  

Computer Science:  Please check below the subjects you have already taken.  (Ask your computer science teacher, if unsure.)

- Basic  
- Pascal  
- C  
- Other: ____________________________  
- Visual Basic  
- Turbo Pascal  
- C++  
- Fortran  
- Cobol  
- Java Script

Application Deadline: February 28, 2005
Laredo Prefreshman Engineering Program
PREP 2nd Year Application - Essay

Name: ___________________________ SSN: ___________________________

DIRECTIONS: Please print carefully in ink or type. Use additional paper, if necessary.

Answer with 100 - 200 word essay: In what ways did first year PREP help you? What do you hope to gain from second year PREP?

Signature ___________________________ Date ___________________________

Your essay will be evaluated to determine your character, willingness to learn and motivation to attend PREP. Be sure to the best of your ability.
PREP 2nd Year Application - Continued

Name: ___________________________ SSN: ___________________________

PARENT OR GUARDIAN INFORMATION

Father's Name ___________________________ Highest Grade or Degree ________
Home Phone (______) ______________ Work Phone (______) ______________ Extension ________
Pager (______) ______________ E-mail Address __________________________
If divorced, does child reside with you? ____ Yes ____ No ____ N/A Legal Custody: ____ Yes ____ No

Mother's Name ___________________________ Highest Grade or Degree ________
Home Phone (______) ______________ Work Phone (______) ______________ Extension ________
Pager (______) ______________ E-mail Address __________________________
If divorced, does child reside with you? ____ Yes ____ No ____ N/A Legal Custody: ____ Yes ____ No

EMERGENCY CONTACT INFORMATION

Name ___________________________ Relationship __________________________
Home Phone (______) ______________ Work Phone (______) ______________ Extension ________

PARENT/GUARDIAN'S PERMISSION

Please check to show your agreement:

_______ I am the parent/guardian of the student named above.

_______ I give my permission for my child to attend PREP.

_______ I understand that my child must attend PREP every weekday from June 6 to July 28, 2005. Plus, there will be daily homework assignments. There is a maximum of THREE excused absences, for illness and bereavement only.

_______ I understand that my child must strictly follow all PREP regulations.

Parent/Guardian Signature ___________________________ Date __________________
Student's Signature ___________________________ Date __________________

Remember the following:

Essay
Current Report Card

Application Deadline: February 28, 2005