Corpus Christi PREP is the local site of the Texas Prefreshman Engineering Program (TexPREP), which provides educational enrichment opportunities for high ability middle school and high school students interested in pursuing science-based careers. The emphasis of this program will be on study and research work in mathematics, computer science, and engineering. In selecting individuals for participation and otherwise in the administration of this program, PREP will not discriminate on the grounds of race, creed, sex, color, age, handicap, or national origin of any applicant. PREP strongly urges females and students from minority groups who have been traditionally underrepresented in science and engineering to apply for participation.

Approximately 40 students from grades 7 through 9 will be selected to participate in PREP from June 1 through July 26.

TexPREP has been recognized by the Texas Education Agency (TEA) to the extent that local school districts may grant one credit on the high school transcript of PREP graduates who will be in high school in the fall of 2006.

Sponsors who have assisted CCPREP with funds or in kind donations include:

- Del Mar College
- Sid Richardson
- National Aeronautics and Space Administration (NASA)
- Corpus Christi Parks & Recreation
- State of Texas
- Texas Department of Transportation
- Valero Refining
- Flint Hills Resources

**PROGRAM CONTENT**

- Logic and Its Applications to Mathematics
- Mathematical Problem Solving
- Introduction to Engineering
- Introduction to Computer Programming
- Hands-on Engineering Problems
- Career Awareness Seminars
- Field trips

**FACILITIES**

All Corpus Christi PREP program functions, except for field trips will be held on the Del Mar east campus. The library and certain other facilities will be available to PREP students. Participants are expected to abide by campus rules set by Del Mar College and the local program director. Students who are rude or disruptive in class or during guest seminars, or who damage Del Mar property are subject to dismissal from PREP.

**COST/FINANCIAL ASSISTANCE**

No tuition or fees will be charged for PREP. Each student is expected to provide his/her own transportation between home and PREP. All field trip transportation will be provided by PREP. Each student will need to provide writing materials.

**REQUIREMENTS FOR ELIGIBILITY**

1. All applicants must currently be full-time 7th, 8th, or 9th grade students in the greater Corpus Christi area and must complete the academic year by June 1.
2. All applicants must have a B or better average in their academic courses during the academic year and a B or better average in mathematics. All seventh-grade applicants must have an A average overall and in mathematics for the current year.
3. All 9th grade applicants are expected to have completed Algebra I by June 1.
4. Each applicant must fill out and send in a Student Application Form with parent/guardian signature.
5. Each applicant must submit with his/her application a copy of the grade report from the latest reporting period.
6. Each applicant must submit the two recommendation forms from the application packet: one recommendation from his/her current mathematics teacher and one from his/her current science teacher.

7. Each applicant must submit a 100-200 word essay which presents the reasons for the student wanting to participate in the PREP program. This essay is ranked according to content and grammar.

DEADLINES

Complete applications must be in the MATH office (room 109 of the Memorial Classroom building) at Del Mar College by noon on May 31, 2006. Incomplete or late applications will not be considered in the first round of selection. Successful applicants will be notified by May 31, 2006 and will have until May 31, 2006 to indicate acceptance.

HOW TO APPLY

For applications, contact your school principal or counselor, or call the PREP office at (361) 698-1238. You may also write to:

Dr. Youssef Bet Shahbaz, Director
Corpus Christi PREP
Mathematics & Physics Dept.
Memorial Classroom (MC)
Room 109
Del Mar College
101 Baldwin Blvd.
Corpus Christi, TX 78404-3897
E-mail: ybetsha@delmar.edu
Math. Dept: (361) 698-1238
Fax: (361) 698-1961

PARENT ORIENTATION

An orientation for parents of successful applicants will be held May 30, 2006 at 7:30 p.m. in the Coles Building, room 227, Del Mar College, East Campus. Attendance is highly recommended.

FIRST YEAR APPLICANTS

A complete application consists of:

Student Application Form (with short essay)
Mathematics and Science Teacher Recommendation Form
Current grade report

Teachers, parents, students….please read this:

WHAT PREP IS
Challenging and rigorous
8 weeks of study and learning
homework and group projects
an exposure to engineers, scientists, and college
“hands-on experience”

WHAT PREP IS NOT
“fun and games”
a day-care center for teens
remedial
CORPUS CHRISTI PREFRESHMAN ENGINEERING PROGRAM (PREP)
Thursday, June 1– Wednesday, July 26, 2006
STUDENT APPLICATION FORM

Circle One: Applying for the 1st Year Program (TexPREP I) or the 2nd Year Program (TexPREP II)

Please answer each item below and write “none” if appropriate. Print all information.

1. ______________________________________  _________________________________________
   Last Name                                                                     First Name

2. ____ __ __ - ____ __ __ __       3. ____ __ __ - ____ __ __ __   4. ____ __ __ - ____ __ __ __
   social security #                                              phone number                        cell number

5. ____ __ __ - ____ __ __ __                         6. ____ __ __ - ____ __ __ __
   2nd phone number                             emergency phone number

7. __________________________________________________________________________
   street address                                             city (use CC for Corpus Christi)             zip code

8. ___________________________________         9. ____ __ __ - ____ __ __ __
   name of school                                                                          school phone

10. What grade are you currently in? _______

11. Please state your school district, using the abbreviations given below:  ____ ____
    AP for Aransas Pass ISD, BA for Banquete ISD, CA for Calallen ISD, CC for CCISD, CH for church schools, FB for Flour
    Bluff ISD, GPn for Gregory-Portland ISD, LO for London ISD, OE for Odem-Edroy ISD, RF for Rockport-Fulton ISD, RO for
    Robstown ISD, ST for Skidmore-Tynan ISD, TM for Tuloso-Midway ISD, and WO for West Oso ISD

12. Course work… after consulting with your mathematics teacher, please circle the title which best
    describes the course you are now taking:
    Standard math              pre-algebra               advanced math           honors math           Algebra I

13. Please circle your gender: female male       14. Do you have any physical impairment? _______

15. If the answer to question 12 was “yes”, please indicate the nature of your impairment(s), so that we
    may accommodate you in PREP.

16. Please state your race/ethnicity, using the abbreviations given below:  ____ ____
    Anglo:  for persons of American European descent, not Hispanic
    Native American:  for persons of American Indian descent (native American)
    Asian/Other:  for persons of Asian or Oriental descent
    African American:  for persons of African descent (Afro-Americans)
    Hispanic:  for persons of Hispanic descent

17. Please indicate any past computer experience below:

18. I am willing to do HOMEWORK this summer and will not disrupt classes           yes           no.

   ____________________________    __________________________
   signature of applicant

19. PARENT’S CONSENT: I certify that my child has my permission to participate in PREP. It is my
    understanding that he/she will be subject to the regulations of Del Mar College and the PREP program. I
    understand that this is an 8-week program which requires study, and I will encourage my child to study at
    home. I understand that should a health emergency arise, I will be notified, but that if I can not be reached
    by phone, such medical treatment as deemed necessary by competent medical personnel is authorized.

   ____________________________    __________________________
   signature of parent/guardian                                                               today’s date

   print father’s name                             work phone                   print mother’s name                 work phone

20. Applicant: Please attach a copy of your latest grade report and your short (100-200 word) essay on reasons you
    wish to be in PREP this summer. Be sure and give your mathematics and science teachers the nomination forms to fill
    out and mail to the PREP office.