

## THE PROGRAM

The College of Engineering Enhancement Institute (CE<sup>2</sup>I) is an innovative and intensive summer bridge-to-college program designed to prepare students for the rigors of an Engineering, Computer Science, or Technology Curriculum and to aid with the transition between high school and college. The Institute is a five-week residential program, where participants will com-



*New Electrical Engineering Building*

plete coursework in Math, Science, Technology, and Professional Development Activities. The Institute is math intensive. A math assessment test will be administered initially to determine the appropriate math placement. The program goal is to achieve a mastery of one math level higher than the student placed when he/she entered the program. The program will also introduce students to basic concepts in chemistry, physics, and computing. Students will experience professional development activities including field trips to area engineering and technology industries; personal and professional development seminars and workshops (i.e. time management, study skills, learning style inventories, effective use of study groups and seven (7) habits of successful people).

## HOW TO APPLY

Admission to the program is based on admittance to the University and to the College of Engineering (COE). Application materials will be available online as well as mailed to prospective par-



*Dean addresses COE students*

icipants. The program is open until filled with students who plan to attend PVAMU College of Engineering in fall 2011. The program dates are: July 5, 2011 to August 5, 2011. The application deadline is Friday, April 22, 2011.

### STUDENTS MUST SUBMIT THE FOLLOWING DOCUMENTS:

- ♦ Official CE<sup>2</sup>I summer program application
- ♦ Evidence of admission to the University (Copy of acceptance letter to COE)
- ♦ Camp Fee: \$250.00 (cashier's check or money order only - non-refundable) made payable to PVAMU College of Engineering

SUBMIT APPLICATION AND  
SUPPORTING DOCUMENTS TO:

**ROY G. PERRY**  
COLLEGE OF ENGINEERING  
ENHANCEMENT INSTITUTE (CE<sup>2</sup>I)  
P.O. BOX 519, MS 2500  
PRAIRIE VIEW, TX 77446

## WHAT TO EXPECT

Upon successful completion of the challenging course work, professional development seminars, and other important scholarly activities, students will be better prepared for the upcoming fall semester. No course credits toward a Bachelor of Science degree will be earned for participating in the summer program. The Roy G. Perry College of Engineering's motto is: "Imagine the Possibilities." Your possibilities at PVAMU begin with this program!

### PROGRAM ADMISSION

- ♦ FIRST-TIME FRESHMAN
- ♦ ACCEPTANCE TO PVAMU
- ♦ ACCEPTANCE TO THE COE

### UNCONDITIONAL ADMISSION CRITERIA TO THE COLLEGE OF ENGINEERING

#### Engineering and Computer Science Majors:

- ♦ Minimum SAT Score = 930 - ACT = 19 or higher
- ♦ Cumulative GPA - 3.00, based on 4.0 scale
- ♦ THEA - Successfully passed all sections, or exempt

#### Technology Majors:

- ♦ Minimum SAT Score = 860 - ACT = 18 or higher
- ♦ Cumulative GPA - 2.75 based on 4.0 scale
- ♦ THEA - Successfully passed all sections, or exempt

### CONDITIONAL ADMISSION CRITERIA TO THE COLLEGE OF ENGINEERING

#### Engineering and Computer Science Majors:

- ♦ Minimum SAT Score = 820 - ACT = 17 or higher
- ♦ Cumulative GPA - 2.50, based on 4.0 scale

#### Technology Majors:

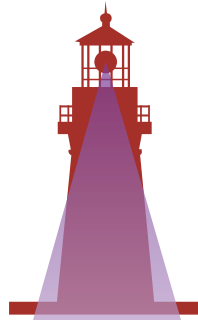
- ♦ Minimum SAT Score = 820 - ACT = 17 or higher
- ♦ Cumulative GPA - 2.00 based on 4.0 scale

**ROY G. PERRY**  
COLLEGE OF ENGINEERING  
ENHANCEMENT  
INSTITUTE **CE<sup>2</sup>I**

## DISCIPLINES OFFERED

- An **Engineer** is an individual who applies math and science to **solve problems** and **develop** new technologies for the benefit of humankind.
- A **Technologist** is an individual who **applies** specific technology to ensure that a task is completed.
- A **Computer Scientist** focuses on **developing the software** that enables the functionality of computing systems.
- A **Chemical Engineer** applies math and science principles to convert basic raw materials into a variety of products.
- A **Civil Engineer** applies math and science principles to design, construct and maintain physical and natural infrastructures (i.e. roadways, bridges, waterways, buildings, etc.) for our society.
- A **Computer Engineer** applies math and science principles to develop the technology that integrates software with hardware devices.
- A **Computer Engineering Technologist** applies math and science principles for the application of technology to computer systems.
- An **Electrical Engineer** applies math and science principles to develop new technologies that deal with the generation, manipulation and distribution of electrical energy.
- An **Electrical Engineering Technologist** applies math and science principles for the application of technology to electrical systems.
- A **Mechanical Engineer** applies math and science for the analysis, design and manufacturing of mechanical systems.

# CE<sup>2</sup>I



## ROY G. PERRY COLLEGE OF ENGINEERING ENHANCEMENT INSTITUTE

PRAIRIE VIEW A&M UNIVERSITY  
P. O. Box 519; MS 2500  
Prairie View, TX 77446

Find Out More  
(936) 261-9890

[enrsummerprograms@pvamu.edu](mailto:enrsummerprograms@pvamu.edu)  
<http://pvamu.edu/pages/180.asp>

PRAIRIE VIEW A&M UNIVERSITY

## ROY G. PERRY COLLEGE OF ENGINEERING ENHANCEMENT INSTITUTE



# CE<sup>2</sup>I

JULY 5  
THRU  
AUGUST 5  
2011

*Imagine the Possibilities . . .*