



TEXAS A&M  
INTERNATIONAL UNIVERSITY

# TAMIU Engineering Summer Program

## July 18-July 22, 2011

### **Purpose:**

The 2011 TAMIU Engineering Summer Program provides high school students the opportunity to participate in a one-week workshop on the campus of Texas A&M International University (TAMIU). The goal of this program is to enhance student interest in engineering as a potential career, develop students' analytical skills, and help students prepare for college-level courses. Students participating in the program receive instruction in mathematics, science, and engineering concepts. Student admission to the program is selective and participation must reflect the demographic diversity of the state. Students underrepresented in engineering programs include underrepresented minorities and females. This program will be conducted by experienced TAMIU faculty and experienced teachers in the area-high schools who have been specially selected to serve the needs of this student population.

### **Scholarship:**

Participants who complete the entire week long program by earning 36 hours of summer engineering experience will receive a \$400 scholarship.

### **Program Synopsis:**

The 2011 TAMIU Engineering Summer Program includes the following:

- student team competitions;
- project presentations;
- field trips;
- industry site visits;
- panel or luncheon discussions with professional engineers and scientists;
- parent/guardian information that covers the Texas university application process, financial aid system, and scholarship opportunities; and
- other program content.

### **Program Materials:**

Duly completed Engineering Summer Program application, student consent form, and a 200 to 300 typed word essay describing career plans and goals of participant for the future are required. APPLICATION DEADLINE: Monday, May 30, 2011 or as soon as possible.

For more information about this project, please contact:

Dr. Ray Bachnak, ESP Director, Phone: (956) 326-2408, E-mail: [rbachnak@tamiu.edu](mailto:rbachnak@tamiu.edu)

Dr. Rohitha Goonatilake, ESP Co-Director, Phone: (956) 326-2588, E-mail: [harag@tamiu.edu](mailto:harag@tamiu.edu)

Texas A&M International University, Department of Engineering, Mathematics, and Physics

This project is partially supported by a grant from The Texas Higher Education Coordinating Board. More information about this grant may be found at <http://www.tamiu.edu/~rbachnak/THECB-ESP/ESP.html>