

Partners for Minorities In Engineering & Computer Science

A Partnership in Business and Education for Our Future

About PMECS Freshmen Summer Technical Workshop

Partners for Minorities In Engineering and Computer Science (PMECS) a partnership between educators and businesses that provides gifted minority students with cultural and academic activities and role models in the career areas of engineering and computer science. One of the major efforts of the Committee is a series of summer technical workshops which offer direct exposure to the sciences in a technical environment which in turn influence development of students' academic skills. The activities are all-expense-paid (except spending money), courtesy of the sponsoring corporations.

This is a **four-day residential workshop** for eighth grade students who will enter their freshman year of high school in the following Fall. The Summer Technical Workshop is held in late June on the University of South Carolina Campus. Emphasis will be placed on deductive and inductive thinking through creative problem solving. The activities are designed to be fun and challenging. The objectives of the workshop include:

- Stimulating increased interest in applied math, science, engineering and computer science problems
- Familiarizing academically qualified minority students with career opportunities in engineering and engineering-related fields
- Informing students of the high school prerequisites necessary for eventually entering a college for engineering or computer science
- Inspiring students toward excellence in their high school course work

A closing ceremony will be prepared for participants and their parents on the final day of the workshop. The program will serve as an opportunity for parents to meet the coordinator and volunteers who can offer encouragement in fostering students' academic excellence, and in ensuring that the students choose a high school curriculum which will leave all options open. High-achieving minority students will be honored after their fourth year in the program.



Applying for the Summer Technical Workshop

Minimum Selection Criteria

In order to fulfill the nomination criteria for participating in the workshop students must:

- Be a minority (African American, Native American or Hispanic)
- Be a rising high school freshman*
- Have a minimum overall (B) grade-point average (a few exceptions will be made for underachievers with extremely high potential)

*There are limited spots available for rising sophomores, juniors and seniors. The freshman application can be used for any upperclass students who would like to apply for the program.

A **\$75.00 registration fee** must accompany the student's application payable to PMECS. A limited number of \$75 grants are available (at the request of the counselor) to those students who are financially unable to secure the registration fee.

For more information and application visit:

www.cec.sc.edu/PMECS

