

Background

LAESA-SHPE is the largest undergraduate student organization at The City College of New York. This organization was founded in 1985 by a group of dedicated students, whose goals were to unite all Latino and minority students, share cultural ideas and to promote leadership.

Through the years LAESA-SHPE members grew concerned with the under-representation of minorities in corporate America and in academia. They decided to take action and in 1995, LAESA-SHPE hosted its first annual Pre-College Engineering Day (PCED), an event formerly known as the High School Student Leadership Conference (HSSLC). The PCED agenda includes workshops, lab tours, team project, and orientation sessions. Participation in this event provides the platform for successful young adults.



LAESA-SHPE

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Special Thanks

We would like to thank the following for their participation and assistance in this event:



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GROVE SCHOOL OF ENGINEERING



17th Annual

Pre-College Engineering Day

Event Formerly Known As The:
High School Student Leadership Conference
(HSSLC)



Maximizing Our Potential Through
Our Youth

Hosted By:
Latin American Engineering Student Association
chapter of the
Society of Hispanic Professional Engineers
(LAESA-SHPE)
at
The City College of New York

March 25th, 2011

Overview

The Latin American Engineering Student Association chapter of the Society of Hispanic Professional Engineers (LAESA-SHPE), is proud to announce the 17th Annual Pre-College Engineering Day (PCED) to be held on Friday March 25th, 2011 at the City College of New York.

The objectives of the 17th Annual PCED are to:

- ④ Encourage students to pursue careers in science, technology, engineering, and math.
- ④ Develop teamwork, communicational and interpersonal skills, in order to prepare students for a more productive educational and professional career.
- ④ Promote leadership amongst minorities, in order to increase their representation in science and engineering fields.



Students visit the Mechanical Engineering Aerodynamics Lab during the lab tours session

Activities Descriptions

- ④ **Lab Tours-** The City College of New York makes their engineering facilities and laboratories available for touring. Students visit the Biomedical, Civil, Chemical, Computer Science, Electrical and Mechanical Engineering Departments.
- ④ **Workshops-** Our Corporate and University sponsors appoint representatives to prepare motivational workshops. Popular workshops include: Women in Engineering, Time Management, Digitizing Our Community, etc.
- ④ **Team Project-** Students are assigned to groups of ten and are instructed to design an engineering project. This activity serves the purpose of enhancing leadership skills through teamwork and networking. At the end of the session, projects are judged (according to specifications) and prizes are awarded to each team member.



Students preparing for "Motorized Vehicle" challenge at PCED 2010

Tentative Schedule

March 25th, 2011 (8:30 am - 3:30 pm)

Networking
Orientation
Workshops
Lab Tours
Lunch
Team Project
Awards Reception



Students prepare vehicle for the "Flotation Competition" team project at PCED 2007