

ENGINEERING SUMMER INSTITUTE

PURPOSE

The Engineering Summer Institute (ESI) seeks to expose students to career opportunities in engineering, science, and mathematics. The goal of ESI is to broaden the access of students to these careers by exposing them to available options in an environment that facilitates intellectual exchange, academic enrichment, and fosters the learning, sharing, and growing processes.

ACTIVITY SCHEDULE

ESI is an intensive four-week program. Classes offering enrichment in mathematics, science, engineering, and computer applications are held on Mondays through Thursdays. Fridays are reserved for field trips to industrial facilities, including visits to companies such as Exxon Chemical, General Motors, and Dow Chemical USA. This activity schedule provides participants with a first-hand look at commercial engineering opportunities.

REQUIREMENTS

Applicants must have at least a 3.0 GPA on a 4.0 scale, submit a current transcript, recent standardized test scores, a letter of recommendation from a current or recent math or science teacher, and 250 word essay.

PARTICIPANT COST

Participants must pay a \$400.00 non-refundable registration fee. The University and supporters of the Institute will defray all other expenses for participants except transportation costs to and from the Institute and personal expenses. Do not send the registration fee with your application, you will be informed when to submit the fee if you are selected as a participant.

APPLICATION AND SELECTION

Students entering grades nine through twelve may apply. Students will be notified whether or not they are selected to participate in the Institute by April 30th. Forty high school students will be selected to participate in the program.

DATES

The Engineering Summer Institute will be annually held on the Southern University Baton Rouge campus from the second week of June through the first week of July.

SUBMIT APPLICATION TO:

Mrs. Janifer B. Peters, Associate Director
ESI College of Engineering
Southern University
Baton Rouge, LA 70813
Voice: (225) 771-3798 Fax: (225) 771-5721
E-mail: janifer_peters@subr.edu

CHECK LIST

In order to be considered for participation in the ESI Program, the following materials must be submitted:
Application
Transcript
Essay
Standardized Test Score
Letter of Recommendation

DEADLINE FOR SUBMITTING APPLICATION IS March 15th

**Typical ESI Class and Activity Schedule
(Monday – Thursday)**

Time	Subject
8:00 – 9:00	Computer Applications
9:00 – 10:00	Mathematics
10:00 – 11:00	Computer-Aided Drafting and Design
11:00 – 12:00	Engineering Orientation
12:00 – 1:00	Lunch Break
1:00 – 2:00	ACT Prep
2:00 – 3:00	Computer Programming
3:00 – 5:00	Engineering Projects

Fridays are reserved for field trips.

FIELD TRIPS

Three field trips are scheduled each year.