**What About Housing?**

All students will reside on Grounds in University housing for the duration of the program. Females are housed on the second floor of the dormitory and males are housed on the first floor. Female and male counselors will reside in the dorm with the students and serve as resident advisors.

If you have questions or concerns, please contact:

**Center for Diversity in Engineering**
Carolyn Vallas, Director  
Phone: (434) 924-0614  
Email: cv5d@virginia.edu

Return Application to:
ITE Program  
UVA Center for Diversity in Engineering  
351 McCormick Road  
PO BOX 400255  
Charlottesville, VA 22904-4255

The application can be found on the Center for Diversity’s Website (**Deadline: April 9th**):  
http://www.seas.virginia.edu/diversity/pre_college/ite.php
The ITE program was established in 1987 and is designed to give rising high school juniors and seniors a broad, but comprehensive experience in the study of engineering at the University of Virginia. Participants experience many aspects of University life in a supervised atmosphere, including living in residence halls, eating in dining halls, using University transportation around Grounds, and interacting with student peers from, not only Virginia, but across the country.

The program format includes daily introductory engineering classes, seminars on college admissions and financial aid, demonstrations, hands on experiments, and departmental and university tours. Faculty members and graduate students from various departments give lectures and answer questions related to studies and careers in the various engineering disciplines. Special attention given to the concerns of those who are considering pursuing engineering as a career.

The purpose of the Introduction to Engineering (ITE) program is to acquaint high school students with engineering, mathematics, sciences, and technology. Students will also learn about the general requirements and demands of various undergraduate studies in engineering at the University of Virginia.

An entrance fee is required upon acceptance into the Introduction To Engineering program. Limited Scholarships are available upon demonstrated need.

The ITE program is open to students who have completed their junior year of high school. Qualified rising juniors will also be considered if space permits. Applicants will be selected on the following criteria:

- Scholastic Performance - a "B" average is the minimum
- Performance in college-preparatory courses such as mathematics and the sciences
- Standardized test scores such as the PSAT, SAT and other Achievement Tests
- Exposure to Pre-Engineering Classes
- Interest and motivation as expressed in applicant’s 1-2 page essay

Engineering is creating practical solutions in everyday life. Various fields of engineering affect different areas of our lives. Such as:

- **Chemical Engineering** includes beauty products, petrochemicals, and pharmaceuticals
- **Electrical & Computer Engineering** includes wireless communications and superconducting devices
- **Civil Engineering** includes bridges and transportation
- **Mechanical Engineering** includes cars and all kinds of engines
- **Aerospace Engineering** includes the International Space Station, satellites and rockets
- **Materials Science & Engineering** includes biomaterials, nanotechnology, and phase transformations
- **Biomedical Engineering** includes design of artificial systems, organ repair, and skin and bone tissue