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USEFUL LINKS

American Indian Science and Engineering Society (AISES)
students.engr.ncsu.edu/aises

Scholarships for current students
www.engr.ncsu.edu/academics/undergrad/scholarships/current

College of Engineering
www.engr.ncsu.edu

Scholarships for freshmen and transfer students
www.engr.ncsu.edu/academics/undergrad/scholarships

National Society of Black Engineers (NSBE)
students.engr.ncsu.edu/nsbe

Society of Hispanic Professional Engineers (SHPE)
getinvolved.ncsu.edu/organization/shpe

NC State University
www.ncsu.edu

Society of Women Engineers (SWE)
students.engr.ncsu.edu/swe



NC STATE Engineering



www.ncsu.edu

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**WOMEN &
MINORITY
ENGINEERING PROGRAMS**

WOMEN IN ENGINEERING

PROGRAMS OFFERED

ESCAPE Camp

Each year, hundreds of newly admitted female engineers are invited to participate in this summer bridge program, where they interact with female engineering faculty members, visit industry sites and get an early start on their membership in the engineering family.

Taste of Engineering

Each year, the engineering departments come together bringing food and drink that relate to their majors. Students have an opportunity to receive help in choosing a department, discuss jobs versus graduate school, talk about how to pursue undergraduate research, and more...all while sampling a wide variety of food offerings!

Dinner Dialogs

Students are invited to have dinner with female faculty members and staff, just to chat, get support and mentoring, and network.

Industry Roundtables

Hundreds of companies vie for the opportunity to meet and network with NC State Engineering students! At the biannual roundtable events, students have a chance to get advice on seeking jobs, making the most of opportunities, transitioning to their first job, and much more, all from industry representatives who are looking to attract NC State students to their jobs!

Tools Workshops

Each semester, students have an opportunity to spend an evening gaining confidence with all the kinds of hand tools that they may use as engineering students. From soldering to saws, from pipettes to bread boards, interesting projects are set up and students flow from one station to another to play and learn.

Minority Engineering Programs Minority Overnight Recruitment Weekend

The Overnight Recruitment Weekend is geared toward admitted students who are interested in learning more about the NC State campus and the rigors of completing an engineering degree. The weekend is held in conjunction with the College of Engineering's Open House. The Overnight Recruitment Weekend allows students to see first-hand what life as a minority engineering student entails and gain insight into the opportunities available for a successful undergraduate career at NC State University. Prospective students are assigned a host for the weekend and stay in residence halls located on and off campus. Prospective students also attend classes with hosts and participate in a formal evening program that includes a catered meal, student panel and entertainment provided by minority student organizations.

Minority Summer Research Program

The Minority Summer Research Program (MSRP) is a six-week program designed to provide high impact research experiences for undergraduate minority students. The MSRP aims to increase each student's

research self-efficacy and awareness of prospective research opportunities in both academic and professional settings. The MSRP aims to increase the number of promising engineering students from underrepresented populations who are exposed to high quality research experiences in which students learn to develop solutions to complex and evolving challenges.

Summer Transition Program (STP)

STP is a six-week residential program that enhances the academic and social maturation of incoming minority engineering freshmen prior to the start of the regular academic year. STP allows students to take two university courses — math and E 115: Introduction to Computing Environments — and a non-university chemistry course. These courses are combined with a structured residence hall and weekly “Pack Sessions” that allow students to learn more about campus life, the community and academics.

Student Advancement and Retention Teams (START)

START is an early intervention and peer-mentoring program for freshmen minority engineering students. Students are paired by either major, demographics, or both with an upper-class minority engineering student. START teams meet on a regular basis to discuss issues like what classes to take or how to get an internship. START enables first-year minority engineering students to get off to a “good start.”

E 144 and E 145 (Freshman Orientation Courses)

These professional student development courses are designed specifically for the minority freshmen in the College of Engineering. Fall topics for the E 144 course include time management, social adjustment, expectations, leisure alternatives and test management. Spring topics in E 145 include effective communication, resume writing, interviewing skills, internships, co-operative education and critical thinking.

Women in Science and Engineering (WISE)

WISE is a living and learning community created for first- and second-year women engineers, mathematicians, statisticians and scientists. The program combines a group living experience with resident, upper-class mentors who will assist in the transition to university life. Promoting academic success; fostering the formation of lasting relationships with fellow students, professors and mentors; and providing out-of-class experiences are fundamental components of the program.

STUDENT ORGANIZATIONS

Society of Women Engineers (SWE) | Women in Computer Science (WICS) | Alpha Omega Epsilon (AOE) | Women in Aerospace (WIA) | Women in Nuclear (WIN) | American Indian Science and Engineering Society (AISES) | National Society of Black Engineers (NSBE) | Society of Hispanic Professional Engineers (SHPE) | Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS)

MINORITY ENGINEERING PROGRAMS



MISSION STATEMENT

The mission of Women and Minority Engineering Programs is to develop and maintain programs that assist in the recruitment, retention, mentoring, job placement and graduation of top quality, underrepresented (Women, African American, Native American and Hispanic) students within the College of Engineering at NC State University.