

ENGINEERING FLOs



ENGINEERING DESIGN EXPERIENCE

The residential camp is designed for students to explore the four main disciplines of engineering offered at the Lyle School: electrical, mechanical, civil and environmental engineering, as well as computer science learning the skills and tools that are part of a career in engineering.

Eligible Grade Levels: 10, 11
GPA Requirement: >3.0

INTERESTED IN ENGINEERING?

CONTACT YOUR DISCOVERU ADVISOR!

NOT SURE WHO YOUR ADVISOR IS?
EMAIL INFO@DISCOVERUS.ORG AND WE WILL GET YOU CONNECTED.

SCAN THE QR CODE WITH YOUR CAMERA TO START YOUR EMAIL NOW!



ENGINEERING SUMMER ACADEMY

Aviation and Technology faculty and student mentors guide participants through hands-on activities in aerospace and mechanical engineering, biomedical engineering, computer and electrical engineering, and civil engineering.

Eligible Grade Level: 9, 10, 11
GPA Requirement: >3.0

HALLIBURTON WOMEN IN ENGINEERING

The program is focused on providing rich experiences for motivated young women while interacting with female role models and engineers. Participants get to express their creativity and explore multiple engineering disciplines at LSU.

Eligible Grade Levels: 9, 10, 11
GPA Requirement: N/A

MY INTRO TO ENGINEERING (MITE @ UT)

MITE is a free, five-day camp for students to discover engineering through team project, hands-on activities and interactions with UT engineering students, faculty, staff and alumni. MITE is open to students with interests in engineering, science or math.

Eligible Grade Levels: 11
GPA Requirement: >3.5

ENGINEERING SUMMER PROGRAM: UNIVERSITY OF WISCONSIN

Engineering Summer Program is a free, six-week residential program for students to participate in course curriculum including math, physics, chemistry, engineering, and technical communications. Students also participate in site visits, field trips, workshops, guest lecture and more.

Eligible Grade Level: 10, 11
GPA Requirement: >3.0

MIT ONLINE SCIENCE, TECHNOLOGY, & ENGINEERING COMMUNITY (MOTEC)

The six-month program serves students who have an interest in science and engineering. It begins the summer before students' senior year in high school and extends through their first semester in 12th grade with both online and in-person components.

Eligible Grade Levels: 11
GPA Requirement: >3.5

RESEARCH & ENGINEERING APPRENTICESHIP PROGRAM (REAP)

REAP is a summer STEM program that places students, from groups historically under-represented and underserved in STEM, in research apprenticeships at area colleges and universities. Apprentices work under the direct supervision of a mentor on a hands-on research project.

Eligible Grade Levels: 9, 10, 11, 12
GPA Requirement: >3.0

GIRLS REACHING & DEMONSTRATING EXCELLENCE (GRADE)

During the week-long day camp you will gain valuable experience and engineering knowledge while working in teams with other high school female students interested in the fields of science, technology, and math. You will meet and work with Houston-area area engineers and professionals.

Eligible Grade Levels: 9, 10, 11
GPA Requirement: N/A

MULTICULTURAL ENGINEERING TIGERS

The program offers curious and motivated high school students the chance to discover how engineers solve problems and explore multiple engineering disciplines through LSU faculty-led presentations and engineering activities.

Eligible Grade Levels: 9, 10, 11
GPA Requirement: N/A

UNITE PRE-COLLEGE ENGINEERING SUMMER PROGRAM

Held at Texas Southern University, UNITE encourages and helps prepare students to pursue a college education in engineering and related fields, as part of a national initiative to develop a talented and trained STEM workforce.

Eligible Grade Levels: 9, 10, 11
GPA Requirement: >2.5