Engineering Technology-related student organizations in the Department of Agricultural Sciences and Engineering Technology:

- National Association of Home Builders
- Renewable and Clean Energy Association (RCEA)
- Sam Houston Construction Association
BACHELOR’S DEGREES IN ENGINEERING TECHNOLOGY

Students in the Engineering Technology program at Sam Houston State University learn to draw upon the principles of management, leadership, physical sciences, technology of industry, and basic engineering for the solution of problems involving industrial products, services, materials and processes, and the supervision and management of facilities and personnel.

The construction management coursework is focused on teaching integrated management techniques with innovative construction practices. The design and development option focuses on creating drawings and sketches to assist engineers in developing product prototypes and models. The electronics and computer engineering technology coursework includes hardware design, computer systems analysis, programming, and computer equipment maintenance/repair. Teaching certification is also an available degree option.

Career opportunities for graduates of the program typically include entry-level management or supervisory positions. Nearly 100 percent of graduates in these fields find immediate employment in the construction or manufacturing industry. Industrial education graduates are prepared to teach career and technology education in public schools.

REQUIREMENTS

Students are required to complete an internship in their respective discipline of study prior to graduation. Students generally seek an approved internship experience at the end of their junior or senior year.

Minors: A minor is required for all engineering technology-related degrees with the exception of electronics and computer engineering technology. Engineering Technology students typically choose minors from program areas within the department, though some will select options from other colleges.

SCHOLARSHIPS

Students may apply for engineering technology scholarships and non-degree specific scholarships by completing the Scholarships4Kats online application. Transfer scholarships are available for students who would like to continue their academic career at Sam Houston. SHSU provides a quality education at an affordable cost.

LABORATORIES

Our cutting-edge laboratories provide you with hands-on experience in design, prototyping, electronics, safety, and electrical and renewable energy as well as metal, wood, and concrete construction for residential and commercial structures.