why SHSU?

This is a university that thinks big but feels small. With a student population of over 19,000, SHSU prides itself with creating a close community. Current students and alumni alike attest to the warm, supportive environment found all over the SHSU campus. Faculty members are more than professors—they are mentors, advisors, informal tutors, and personal links to great career connections.

Sam Houston State University has something—and then some—for everyone. No matter where you look, you will find ways to have fun, make great friends, enjoy the arts, serve others, and challenge yourself.

An education from Sam Houston State University prepares graduates to be a vital part of the world. It gives them the theoretical and practical knowledge to understand and solve challenges. It equips them with the experience and confidence to become effective leaders. It develops in them a heart for service to their communities. It gives them the tools they need to have an impact—as new graduates and for the rest of their lives.

There are many ways to learn more about Sam Houston State University, but the best way is to come visit campus and experience it for yourself.

The Engineering Technology Program at Sam Houston State University offers degree options in engineering technology, construction management, design & development, electronics & computer engineering technology, and industrial education.

Graduates of the program are prepared to enter a career in industry or as a teacher at the junior or senior high school level.
The engineering technology program is intended to provide an educational experience in the areas of management, leadership, and technology that prepares students to meet industry challenges for the 21st century. Students 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.

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 technology education in public schools.

**SCHOLARSHIPS**

Students may apply for engineering technology scholarships and all other university scholarships by completing a single ScholarX application. Thanks to the generous support of our donors and alumni, most engineering technology students who apply for scholarships receive an award. Transfer scholarships are also available for students who would like to continue their academic career at Sam Houston State University.

**COURSEWORK**

The curriculum in engineering technology has evolved over time to incorporate computer-aided design, electronics and computer engineering technology, system design, project management principles, materials sciences, and site safety management. 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.

**FACILITIES**

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

**INTERNSHIPS**

The internship program provides experience-based learning opportunities in your respective discipline of study. You generally seek internship experience at the end of your junior or senior year and can receive six hours of advanced course credit.