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 Bachelor of Science in electronics & computer engineering technology prepares you for a career in a variety of engineering fields including networking, computing science, programming, electronic systems, automation, and control.

Graduates of the program are prepared for various certifications that can result in entry-level managerial positions in the computer or electronics industry.
Electronics & Computer Engineering Technology Bachelor’s Degree

Get Grounded

The electronics and computer engineering technology program is designed to prepare graduates for application-oriented technical careers in industry. An emphasis is placed on application of engineering knowledge and methods to develop solutions to technical problems found in modern industry. Graduates will complete a curriculum comprised of thirty-seven hours in electronics and twenty-six hours in computer science.

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.

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.

CAREERS

Graduates in Electronics will find professional employment opportunities as a supervisor or upper-level technician in the manufacture, sale, and maintenance of electronic systems. We offer a series of courses designed to prepare you for certifications in the various fields involving computers and information technology. Graduates will be familiar with circuit design, simulation, troubleshooting of electronic systems, microcontroller applications, programming, automation and control, and robotics.