



SHSU KATFACTS

BEST
COLLEGES
..... FOR THE
MONEY

OVER
NINETY
UNDERGRADUATE
DEGREES & COUNTING

FACULTY
--- TO ---
STUDENT
RATIO
1:23

MORE THAN
260
STUDENT
ORGANIZATIONS

COMMUNITYENGAGED
UNIVERSITY

A variety of other degrees are offered
in the Department of Engineering
Technology:

- Construction Management, BS
- Design and Development, BS
- Engineering Technology, BS
 - Concentration in Electronics
 - Concentration in Safety Management

Sam Houston State University

Department of Engineering Technology
Box 2088 | Huntsville, TX 77341-2088

shsu.edu/electronics

1-866-BEARKAT



ELECTRONICS & COMPUTER ENGINEERING TECHNOLOGY

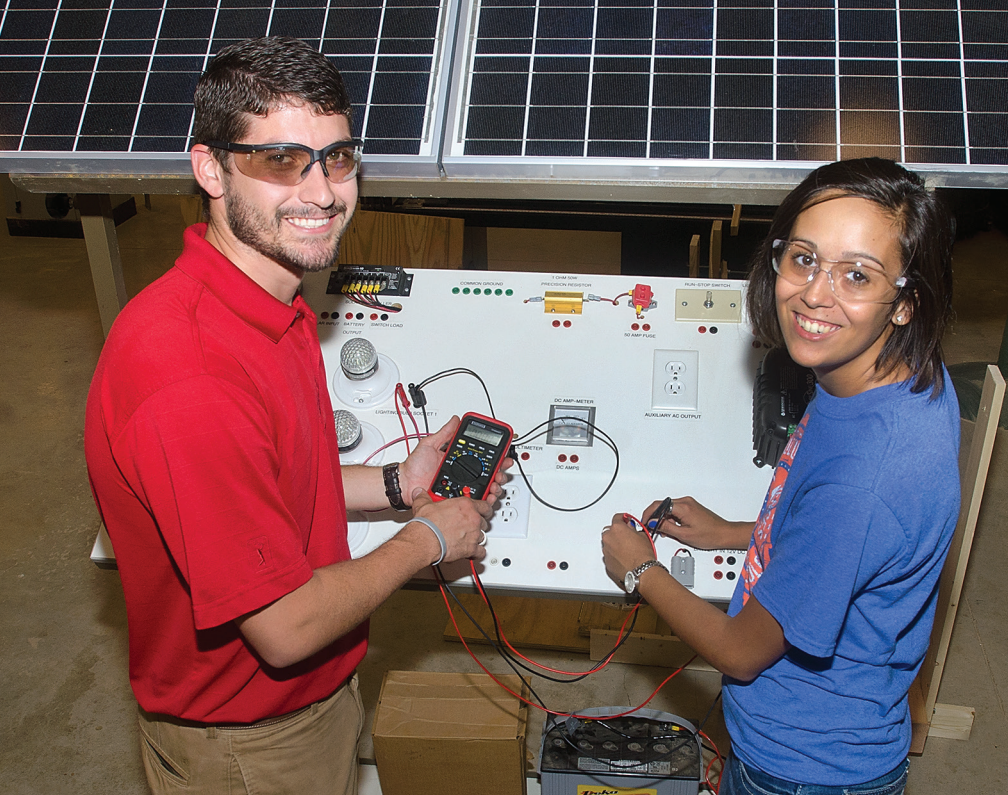
Bachelor of Science



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SAM HOUSTON STATE UNIVERSITY

MEMBER THE TEXAS STATE UNIVERSITY SYSTEM



ELECTRONICS & COMPUTER ENGINEERING TECHNOLOGY

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POSSIBLE CAREERS

FOR

ELECTRONICS & COMPUTER ENGINEERING TECHNOLOGY

MAJORS

- Alternative Energy Solutions
- Automation and Control
- Hardware Design
- Computer Programming
- Networking
- Robotics
- Instrumentation

BACHELOR'S DEGREE IN ELECTRONICS & COMPUTER ENGINEERING TECHNOLOGY

The Electronics and Computer Engineering Technology program at Sam Houston State University is designed to prepare you for application-oriented careers in a variety of engineering fields. An emphasis is placed on the application of engineering knowledge and methods to develop solutions to technical problems found in modern industry. We offer a series of courses designed to prepare graduates for certifications in the various fields involving computers and information technology. You will become familiar with circuit design, simulation, troubleshooting of electronic systems, microcontroller applications, programming, automation, control, and robotics.

Our cutting-edge laboratories provide you with hands-on experience in design, prototyping, electronics, safety, electrical and renewable energy, and networking.

Our graduates have played a part in scientific advancements in a variety of industries, including biomedical, green energy, transportation, communications, entertainment, and manufacturing.

REQUIREMENTS

Students must complete a curriculum comprised of courses in Electronics and Computer Science.

Minor: A minor is not required for this degree program. If desired, students should choose a minor that best suits their needs and interests. Engineering Technology students typically choose minors from program areas within the department, though some will select options from other colleges.

SCHOLARSHIPS

Once accepted, students may apply for relevant scholarships by completing the Scholarships4Kats online application. Transfer scholarships are available for students who would like to continue their academic career at Sam Houston.

INTERNSHIPS

Internships may be arranged through student contact with providers or through departmental faculty and staff announcements and postings. All internships must receive departmental approval through application prior to the initiation of the internship. Maximum credit for an internship is six credit hours.