

why SHSU?

This is a university that thinks big but feels small. With a student population of over 18,000, 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.



Sam Houston
STATE UNIVERSITY

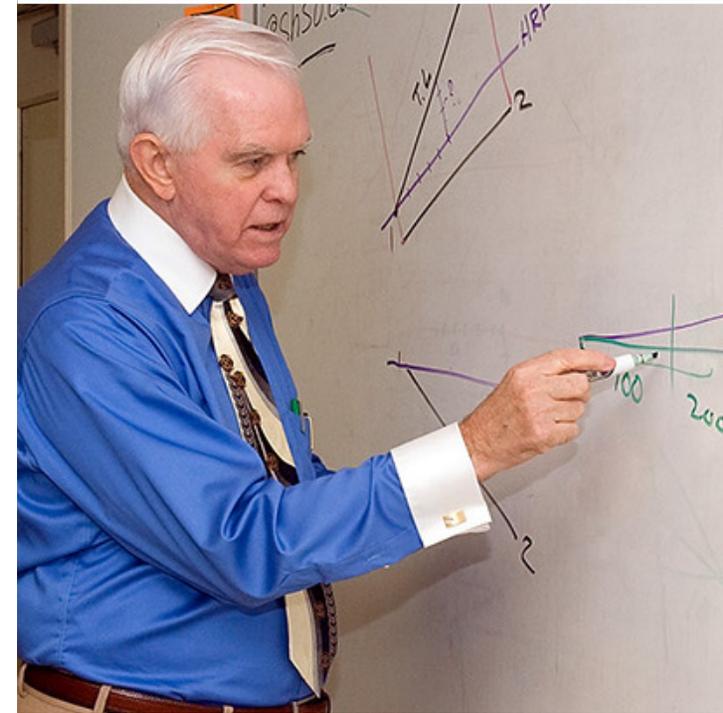
Department of Agricultural Sciences and Engineering Technology
Box 2088
Huntsville, TX 77341-2088

shsu.edu/see/engineeringtech
1-866-BEARKAT



*Engineering Technology
Career & Technology
Education*

Agricultural Sciences & Engineering Technology



shsu.edu/see/engineeringtech

Students can earn a Bachelor of Science in Engineering Technology with a minor in Secondary Education for Career and Technology Education teacher certification. This prepares you to teach at the junior high or senior high levels in public schools. We also offer courses that allow you to work for a CTE Trades and Industry teacher certification. Career and Technology Education teachers instruct students in academic and hands-on laboratory courses, under the Career Cluster they are certified for.

SAM HOUSTON STATE UNIVERSITY

MEMBER THE TEXAS STATE UNIVERSITY SYSTEM



Teaching Career and Technology

Career and Technology Education teacher certification prepares you to teach at the junior high or senior high levels in public schools. Career and Technology Education teachers instruct students in academic and hands-on laboratory courses, under the Career Cluster they are certified for.

You will be prepared to teach Career and Technology Education in public schools. The program includes classes in pedagogy (art if teaching) and courses in specific subject matter that the student selects.

The Engineering Technology bachelors prepares you to teach varying courses, meaning some but not all courses offered, in the following five out of sixteen career clusters taught here in Texas:

- Architecture & Construction
- Arts, A/V Technology, and Communication
- Information Technology
- Manufacturing
- Science, Technology, Engineering, and Mathematics

MINOR: For certification purposes the minor is considered to be Secondary Education. No other minor is required, but if an additional teaching field is desired, the student must meet the requirements of that teaching field. For the degree of Bachelor of Science and a teaching certificate with an integrated teaching field in technology, the student must complete a minimum of 48 semester hours in Engineering Technology and 21 semester hours in Secondary Education.

SCHOLARSHIPS

Students may apply for engineering technology-related scholarships and all other university scholarships by completing a single ScholarX application. Over 50 scholarships are awarded annually with a total value exceeding \$110,000. Thanks to the generous support of our donors and alumni, our scholarship funds and endowments continue to increase each year. 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.

TRADES & INDUSTRY CERTIFICATION FOR GRADES 8-12

There are three (3) options for earning a Career and Technology Education Trades and Industry teacher certification. The courses taught in the program prepare you to manage a CTE class safely and to take the certification tests required. Once you have completed the required courses, you will be cleared to take the necessary certification test(s).

Option I

1. Bachelor's degree from an accredited institution
2. Three (3) years of full-time wage-earning experience within the past eight (8) years in an approved occupation for the classes you will be teaching

Option II

1. Associates' degree from an accredited institution
2. Three (3) years of full-time wage-earning experience within the past eight (8) years in an approved occupation for the classes you will be teaching

Option III

1. High school diploma or equivalent
2. Five (5) years of full-time wage-earning experience within the past eight (8) years in an approved occupation for the classes you will be teaching