



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
- Electronics & Computer Engineering Technology, 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/designdev
1-866-BEARKAT



DESIGN AND DEVELOPMENT

Bachelor of Science



shsu.edu/designdev

SAM HOUSTON STATE UNIVERSITY

MEMBER THE TEXAS STATE UNIVERSITY SYSTEM



DESIGN AND DEVELOPMENT

shsu.edu/designdev

POSSIBLE CAREERS

FOR

DESIGN AND DEVELOPMENT

MAJORS

- Architectural Design
- Industrial Design and Analysis
- Manufacturing
- Product Design
- Prototyping
- Quality Control

BACHELOR'S DEGREE IN DESIGN AND DEVELOPMENT

The Design and Development degree at Sam Houston State University focuses on holistic product planning by teaching the process of concept generation. You'll learn how to assist engineers in developing product prototypes and models through creative drawings and product sketches. The curriculum targets design in architectural structures and manufactured products while concentrating on design in relation to implementation of technology innovation, materials, and aesthetic values.

Students in the program will obtain competencies in computer and presentation skills, comprehension of blueprints and product design specifications, problem-solving, and communication. Our cutting-edge laboratories provide you with hands-on experience in design, prototyping, and safety as well as metal, wood, and concrete construction for residential and commercial structures.

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.

Minor: A minor is required for this degree program. Engineering Technology students typically choose minors from program areas within the department, though some will select options from other colleges. Students should choose a minor that best suits their needs and interests.

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.