Sam Houston State University
MEMBER **THE TEXAS STATE UNIVERSITY SYSTEM**

Bachelor of Science, Engineering Design Technology

CORE REQUIREMENTS

Department of Engineering Technology		936.294.1223	engrtech@shsu.edu
Course Name	**Hours**	**TCCNS**	**SHSU**
Communication (6 hours)			
Composition I	3	ENGL 1301	ENGL 1301
Composition II	3	ENGL 1302	ENGL 1302
Mathematics (3 hours)			
Pre-Calculus Algebra	3	MATH 1314	MATH 1314
Life & Physical Sciences (6 hours)			
Choose <u>two</u> courses from your current Texas community college's core approved list.			
Language, Philosophy, & Culture (3 hours)			
Choose <u>one</u> course from your current Texas community college's core approved list.			
Creative Arts (3 hours)			
Choose <u>one</u> course from your current Texas community college's core approved list.			
American History (6 hours)			
United States History to 1876	3	HIST 1301	HIST 1301
United States History since 1876	3	HIST 1302	HIST 1302
Government/Political Science (6 hours)			
American Government	3	GOVT 2305	POLS 2305
Texas Government	3	GOVT 2306	POLS 2306
Social & Behavioral Science (3 hours)			
Choose <u>one</u> course from your current Texas community college's core approved list.			
Component Area Option Recommendations (6 hours)			
Choose <u>two</u> courses from your current Texas community college's core approved list.			

MAJOR REQUIREMENTS   Full degree can be found here: https://www.shsu.edu/programs/bachelor-of-science-in-engineering-design-technology/

Course Name	Hours	TCCNS	SHSU
Architectural Design	4	ARCH 2603	ETCM 2363
Engineering Graphics	3	ENGR 1304	ETDD 1361
Introduction to Circuits	4	ENGT 1401	ETEE 1340
Plane Trigonometry	3	MATH 1316	MATH 1316
General Phys-Mechanics & Heat w/ lab	4	PHYS 1301 & 1101	PHYS 1301 & 1101
General Phys-Sound, Light, Electricity, & Magnetism w/ lab	4	PHYS 1302 & 1102	PHYS 1302 & 1102
Courses for required minor			
A minor is required for this program. A full list of minors can be found here: https://catalog.shsu.edu/degree-programs/			

*SHSU accepts a maximum of 70 credit hours: **66 academic hours + 4 hours of activity-based physical education (kinesiology) hours.**
Students must earn a 2.0 minimum overall GPA in all coursework, overall major GPA in all major coursework, SHSU GPA in all coursework, and SHSU major GPA in all major coursework.
A minor is required for this program.