

## Bachelor of Science, Engineering Technology

### CORE REQUIREMENTS

Department of Engineering Technology

936.294.1223

engrtech@shsu.edu

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

Course Name	Hours	TCCNS	SHSU
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
Engineering Graphics	3	ENGR 1304	ETDD 1361
Descriptive Geometry	3	ENGR 1304	ETEC 1371
Manufacturing Processes	3	ENGT 2310	ETEC 2382
Introduction to Circuits	4	ENGT 1401	ETEE 1340

#### 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. All minors can be paired with this degree program.