

TRANSFER ARTICULATION: CONSTRUCTION MANAGEMENT

Cooperative program leading to the Associate of Arts or Science Degree and the Bachelor of Science Degree in Construction Management at Sam Houston State University.

Construction Management is currently the largest degree program in the Department of Engineering Technology. Construction Management prepares graduates for exciting careers in the construction industry. The academic concentration is interdisciplinary, with course requirements in engineering, business, management, and technology. The focus is on teaching integrated management techniques with innovative construction practices. Competencies the student will possess when completing the degree option include using time management to delegate and make timely decisions, communicating concisely in oral and written formats, and becoming an innovative and critical thinker. As a graduate with a Construction Management degree from the Department of Engineering Technology, you will find career opportunities in entry-level construction management positions, such as supervision, estimation, planning, coordination, scheduling, quality control, quality assurance, and project administration.

This department was originally established as a joint department in 1909. The Department of Engineering Technology (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/engineering-technology/#overviewtext>) offers a B.S. in Engineering Technology, a B.S. in Construction Management, a B.S. in Engineering Design Technology, a B.S. in Electronics & Computer Engineering Technology, and a B.S. Mechanical Engineering Technology. Additionally, minors and concentrations are available in Electronics, Manufacturing Engineering Technology, Architectural Engineering Technology, and Industrial Safety Management. The Department serves as the academic advisement center for students interested in the Bachelor of Applied Arts and Sciences degree.

There are currently 600+ students enrolled in Engineering Technology at SHSU. Enrollment in the program has grown by over 50% during the past 5 years when the department was restructured from Industrial Technology to Engineering Technology. There are literally hundreds of possible career opportunities for those graduating with a degree from the Engineering Technology program at SHSU.

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Location: Fred Pirkle Engineering Technology Center, PIRK 420C

Courses Transfer Students Should Take at the Community College:*

SHSU Course Number	College/TCCN	SHSU Course Title	Semester Credit Hours
ETCM 1363	ARCH 2312	Wood Frame Construction	3
ETCM 2363	ARCH 2603	Architectural Design	3
ETDD 1361	ENGR 1304	Engineering Graphics	3
ETEC 1010		Engineering Foundations	1-2
ETEC 1371	ENGR 1304	Descriptive Geometry	3
ETEE 1340	ENGT 1401	Introduction to Circuits	3
MATH 1314	MATH 1314	Pre Calculus Algebra	3
MATH 1316	MATH 1316	Plane Trigonometry	3
PHYS 1101	PHYS 1101	General Physics Laboratory I	1
PHYS 1102	PHYS 1102	General Physics Laboratory II	1
PHYS 1301	PHYS 1301	General Phy-Mechanics & Heat	3
PHYS 1302	PHYS 1302	Gen Phy-Snd,Lght, Elec, & Mag	3

***Note:** Other courses may transfer, depending upon the selected degree or program. Meet with your academic advisor to confirm whether coursework will transfer from another institution. For a complete listing of degree-specific requirements, please, review the degree plan within the Undergraduate Catalog (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/>).

- Bachelor of Science, Major in Construction Management (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/bs-construction-management/>)
- Bachelor of Science, Major in Electronics and Computer Engineering Technology (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/bs-electronics-computer-engineering-technology/>)
- Bachelor of Science, Major in Engineering Design Technology (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/bs-engineering-design-technology/>)
- Bachelor of Science, Major in Engineering Technology (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/bs-engineering-technology/>)
- Bachelor of Science, Major in Engineering Technology - Concentration in Electronics (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/bs-engineering-technology-concentration-electronics/>)

- Bachelor of Science, Major in Engineering Technology - Concentration in Safety Management (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/bs-engineering-technology-concentration-safety-management/>)
- Bachelor of Science, Major in Engineering Technology-Civil Engineering 2+2 (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/engineering-technology/bs-engineering-technology-civil-engineering/>)
- Bachelor of Science, Major in Engineering Technology-Electrical Engineering 2+2 (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/engineering-technology/bs-engineering-technology-electrical-engineering/>)
- Bachelor of Science, Major in Engineering Technology-Mechanical Engineering 2+2 (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/engineering-technology/bs-engineering-technology-mechanical-engineering/>)
- Bachelor of Science, Major in Mechanical Engineering Technology (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/engineering-technology/bs-mechanical-engineering-technology/>)
- Minor in Construction Management (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/construction-management-minor/>)
- Minor in Electronics (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/electronics-minor/>)
- Minor in Engineering Design Technology (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/design-development-minor/>)
- Minor in Industrial Safety Management (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/industrial-safety-management/>)
- Minor in Interior Design (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/interior-design-minor/>)
- Minor in Trades and Industry Certification (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/trades-and-industry-certification-minor/>)

Field of Study (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/colleges-academic-departments/science-and-engineering-technology/agricultural-science/trades-and-industry-certification-minor/>)

Sam Houston State University supports the State of Texas Fields of Study (<https://www.highered.texas.gov/our-work/supporting-our-institutions/program-development/texas-transfer-framework/>).

The Core Curriculum (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/>) at Sam Houston State University (to be used by all incoming students as of fall 2014) contains 42 semester credit hours, encompassing nine component areas. Each component area has a minimum credit hour requirement and a selection of specific courses that may be used to satisfy the requirement. The Core Curriculum (<http://catalog.shsu.edu/archives/2023-2024/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/>) details Sam Houston State University courses and their Texas Common Course Number (TCCN) equivalents for college transfer students which comprise SHSU's core curriculum.

Many SHSU disciplines including the sciences, business, and education require specific courses from the SHSU core as degree specific graduation requirements. To minimize cost and time to complete degree requirements always select SHSU/transfer core courses specified as degree requirements in your intended major. If you have not decided on a major, select core courses supporting your intended area of academic concentration.

Prior to enrolling in core classes, students are encouraged to review specific degree requirements for their major. Selection of major-specified core courses reduces the total number of hours required for graduation.

If you do not see a Texas Common Course Number (TCCN) mapping a specific core course to your transfer institution, please go to Transfer Course Equivalency Guide (<https://ww2.shsu.edu/regr27wp/>) and select your institution from the drop-down menu. The result will list all currently mapped transfer courses from your institution to SHSU courses.