

# TRANSFER ARTICULATION: ELECTRONICS AND COMPUTER ENGINEERING

---

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

The Bachelor of Science degree in Electronics and Computer Engineering Technology includes a concentration of coursework in both Engineering Technology and Computer Science. Students investigate concepts and principles that provide them with a sound technical base in various sectors of the Engineering Technology, Electronics, and Computer Engineering Technology industry. They will analyze computer hardware and software from an engineering perspective and examine large scale integrated (VLSI) circuits and systems, microprocessor interfacing and system design, and computer system architecture and design. Additional attention is given to electrical circuits, electronics, digital circuits, and computer architecture.

The following courses may generally be used as transfer credit for degrees in Engineering Technology..

**TCCN Table inserted here.**

The Core Curriculum (<http://catalog.shsu.edu/archives/2020-2021/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/2020-2021/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.