College of Science and Technology
B.S. Computer Science - Computer Engineering
Degree Offered at Stephenville Location
Course rotation and availability may vary based on location
2019-2020 Texas Common Course Numbering System Advising Guide

Year	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
F I R S T	ENGL 1301 TSU Core: CAO	ENGL 1301	3	ENGL 1302 TSU Core: Communications	ENGL 1302	3
	COSC 1100 TSU Core: CAO	PSYC or EDUC 1100, PSYC or EDUC 1200, PSYC or EDUC 1300	1	COSC 1310	None	3
	COSC 1302	None	3	MATH 2414	MATH 2414	4
	MATH 2413[1]	MATH 2413	4	PHYS 2425 TSU Core: Life & Physical Science	PHYS 2425	4
	HIST 1301 TSU Core: American History	HIST 1301	3	HIST 1302 TSU Core: American History	HIST 1302	3
	Total Hours		**14**	**Total Hours**		**17**

Year	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
S E C O N D	COSC 2331	None	3	COSC 2341	None	3
	COSC 2448	None	4	MATH 1342 TSU Core: Mathematics	MATH 1342	3
	MATH 3310 **(Fall Only)**	None	3	ELEN 2425	None	4
	PHYS 2426[+2]	PHYS 2426	4	MATH 3306	None	3
	GOVT 2305 TSU Core: Government/Political Science	GOVT 2305	3	GOVT 2306 TSU Core: Government/Political Science	GOVT 2306	3
	Total Hours		**17**	**Total Hours**		**16**

Year	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
T H I R D	COSC 3443 **(Fall Only)**	None	4	COSC 3380 **(Spring Only)**	None	3
	COSC 4478* **(Fall Only)**	None	4	COSC 3489* **(Spring Only)**	None	4
	ELEN 3314* **(Fall Only)**	None	3	Elective[+3]	None	3
	TSU Core: Communications	See list of approved courses	3	Technical Elective[#]	None	3
				TSU Core: Creative Arts	See list of approved courses	3
	Total Hours		**14**	**Total Hours**		**16**

Year	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
F O U R T H	COSC 4441 **(Fall Only)**	None	4	Elective[+3]	None	3
	Elective[3]	None	3	Technical Elective[#]	None	3
	Technical Elective[#]	None	3	TSU Core: Language, Philosophy, & Culture	See list of approved courses	3
	TSU Core: Life & Physical Science	See list of approved courses	4	TSU Core: Social & Behavioral Science	See list of approved courses	3
	Total Hours		**14**	**Total Hours**		**12**

*Designates Writing Intensive Courses

#See University Catalog or Academic Advisor for Applicable Courses

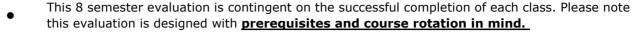Degree Completion: 120 hours

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Degree Specific

- This 8 semester evaluation is contingent on the successful completion of each class. Please note this evaluation is designed with **prerequisites and course rotation in mind.**

- [1]Placement for Calculus 1 is by the CLMPE placement exam, or by college credit for MATH 1316 or MATH 2412. Contact Tarleton's Center for Academic Testing for test information and locations.

- [2]If PHYS 2426 is used to satisfy the Life and Physical Science core requirement, 4 additional hours of electives will need to be taken to obtain the 120 hour minimum degree requirement.

- [3]Concentration will consist of 9 hours electives chosen from the following: ELEN 3445, ELEN 4350, ELEN 4355, or ELEN 4443.

- If a student has TSI deficiencies, there is no guarantee that the degree will be completed in 8 semesters.

- For all programs in the ENCS department, students must earn a grade of "C" or better in all required Engineering, Computer Science, Mathematics and Science coursework to graduate, as well as to proceed to follow-up courses. Please see the academic catalog for further information.

- **All Students must contact a Departmental Faculty Advisor for guidance on Engineering Computer Science content.**

Degree Information

- This 120 hour four-year degree plan provides a model for on-time completion of this TSU program using as many TCCNS courses as possible. The four-year plan also shows the first point when no TCCNS options are available for this program. See the current Undergraduate Catalog for course prerequisites. Course availability at TSU is subject to change, and the plan shown below may change based on updates to TSU's course offerings.

- Texas Common Course Numbering System (TCCNS) provides a shared, uniform set of course designations for students and their advisors to use in determining both course equivalency and degree applicability of transfer credit on a statewide basis.

- **Individual academic programs may require specific courses contained in parts of the University Core Curriculum as prerequisites for certain major requirements.** Students who wish to take courses that will fulfill both core and major requirements simultaneously should check with academic advisors for assistance in selecting core courses.

- Students meet the Writing Proficiency Requirement by completing two upper-level Writing Intensive courses in their major or courses designed for their degree program. Contact the Academic Advisor for additional information or questions.

- Residence is satisfied only by official enrollment in and completion of course work applied toward the degree requirements.

    - A minimum of 30 semester hours of work counted toward the degree must be completed with Tarleton. The work completed at Tarleton and counted toward the degree must include at least 24 advanced hours (3000 or 4000 level) and 12 of these advanced hours must be in the major subject.

- A minimum of 45 advanced credits (3000/4000 level course work) are required and needed to satisfy degree requirements.

- How does duplicating a course impact my GPA?

    - A student may take a course a second or subsequent time at the same institution. The highest grade will be included in the GPA calculation.

- Can I take a course at another school and transfer it back to TSU?

    - If you plan to take a course at another school and transfer it back to TSU, you need to meet with both an advisor and Transfer Services. An advisor can tell you the correct course number to take and assist with completion of a Concurrent Enrollment Form if needed.