



Civil Engineering (Bachelor of Science) from Tarleton State University
Graduation Plan - Recommended Course Sequence (2025-26)
4-Year (Full-Time)

Blinn College District Engineering (A.S.)				Tarleton State University Civil Engineering (B.S.)			
Freshman		Fall		Junior		Fall	
	ENGR 1201	Intro to Engineering	2		CVEN 2200	Surveying	2
	MATH 2413	Calculus I	4		CVEN 4450	Transportation Engineering	4
	CHEM 1409	Gen Chem for Engr Maj	4		ENVE 2311	Soil Mechanics	3
	ENGL 1301	Composition I	3		ENVE 3300	Fluid Mechanics	3
	060-GEN ED	US HISTORY*	3		050-GEN ED	CREATIVE ARTS*	3
			*TOTAL 16				*TOTAL 15
		Spring				Spring	
	ENGR 1304	Engineering Graphics	3		CVEN 3123	Strength of Materials Lab	1
	MATH 2414	Calculus II	4		CVEN 3301	Structural Analysis	3
	PHYS 2325	University Physics I	3		CVEN 3245	Civil Engineering Lab I	2
	PHYS 2125	University Physics I Lab	1		CVEN 4360	Highway Planning & Design	3
	ENGL 1302	Composition II	3	+	010-GEN ED	COMMUNICATION	3
	060-GEN ED	US HISTORY*	3				TOTAL 12
			*TOTAL 17				
Sophomore		Fall		Senior		Fall	
	ENGR 2301	Engineering Mech: Statics	3		CVEN 4305	Reinforced Concrete Design	3
*	PHYS 2326	University Physics II	3		CVEN 4325	Foundation Engineering	3
*	PHYS 2126	University Physics II Lab	1		ENVE 4310	Water Resources Eng	3
*	or ENGR 4084	Prof Practice (3 hrs)		*	ENGR 4258	Engineering Professionalism	2
	MATH 2415	Calculus III	4		CVEN 3346	Civil Engineering Lab II	3
^	CVEN 2312	Intro to Civil Engineering	3		GOVT 2305	Federal Government	3
	080-GEN ED	SOCIAL SCIENCE*	3				TOTAL 17
			*TOTAL 17				
		Spring				Spring	
	ENGR 2302	Engineering Mech: Dynamics	3	*	ENGR 4380	Engineering Capstone	3
	MATH 2320	Differential Equations	3		ENVE 3310	Engineering Hydrology	3
	ENGR 2332	Mechanics of Materials	3		CVEN 3320	Construction Planning & Mgt	3
	GEOL 1403	Physical Geology	4		CVEN 4306	Steel Design	3
	COSC 1420	C Programming	4		GOVT 2306	Texas Government	3
^	ENGR 3311	Engineering Math Methods	3				TOTAL 15
			*TOTAL 20				
				TOTAL CREDIT-ALL TERMS 129			

Notes

- * Consult with an academic advisor to determine best options
- * Consult with an advisor on course options offered in a summer session or minimester
- ^ Offered with Tarleton State at RELLIS
- * PHYS 2326 + 2126 = ENGR 4084 (see advisor)
- + Choose from SPCH 1311, SPCH 1315, or SPCH 1321