



Civil Engineering (Bachelor of Science) from Tarleton State University
 Graduation Plan - Recommended Course Sequence (2026-27)
 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		040-GEN ED	HUMANITIES	3	
		*TOTAL	17			TOTAL	15
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			TOTAL	15
		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	
* ENGR 2304	Programming for Engineers	3		GOVT 2306	Texas Government	3	
^ ENGR 3311	Engineering Math Methods	3				TOTAL	15
		*TOTAL	19			TOTAL	15

Notes

TOTAL CREDIT-ALL TERMS 131

- * 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 (4 sch) = ENGR 4084 (3 SCH)
- + Choose from SPCH 1311, SPCH 1315, or SPCH 1321
- * ENGR 2304 (3 SCH) = ENVE 2251 (2 SCH)