



Civil Engineering (Bachelor of Science) from Tarleton State University
Graduation Plan - Recommended Course Sequence (2024-25)
4-Year (Full-Time)

Blinn College District Engineering (A.S.)			Tarleton State University Civil Engineering (B.S.)		
Freshman			Junior		
Fall			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 3430	Civil Engineering Materials	4
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 14
		*TOTAL 17			
Sophomore			Senior		
Fall			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
MATH 2415	Calculus III	4	* ENGR 4259	Capstone I	2
^ CVEN 2312	Intro to Civil Engineering	3	GOVT 2305	Federal Government	3
080-GEN ED	SOCIAL SCIENCE*	3			TOTAL 14
		*TOTAL 17			
Spring			Spring		
ENGR 2302	Engineering Mech: Dynamics	3	* ENGR 4360	Capstone II	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			

Notes

TOTAL CREDIT-ALL TERMS 128

- * 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
- * CVEN 3430 + PHYS 2326/2426 = CVEN 3245 + CVEN 3346 + ENGR 4084 (see advisor)
- * ENGR 4259 = ENGR 4258 (see advisor)
- * ENGR 4360 = ENGR 4380 (see advisor)
- + Choose from SPCH 1311, SPCH 1315, or SPCH 1321