



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
<b>*TOTAL 16</b>		<b>*TOTAL 15</b>			
<b>Spring</b>		<b>Spring</b>			
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	<b>TOTAL 12</b>		
<b>*TOTAL 17</b>		<b>TOTAL 17</b>			
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	<b>TOTAL 17</b>		
<b>*TOTAL 17</b>		<b>TOTAL 15</b>			
<b>Spring</b>		<b>Spring</b>			
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	<b>TOTAL 15</b>		
<b>*TOTAL 20</b>		<b>TOTAL CREDIT-ALL TERMS 129</b>			
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