



**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</b>	<b>16</b>			<b>*TOTAL</b>	<b>15</b>
		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				<b>TOTAL</b>	<b>14</b>
		<b>*TOTAL</b>	<b>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	
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				<b>TOTAL</b>	<b>14</b>
		<b>*TOTAL</b>	<b>17</b>				
		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				<b>TOTAL</b>	<b>15</b>
		<b>*TOTAL</b>	<b>20</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

\* CVEN 3430 + PHYS 2326 + 2126 = 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