

CIVIL ENGINEERING		(Major)	ASSOCIATE OF SCIENCE		(Degree)
<b>PROGRAM REQUIREMENTS</b>					
SEMESTER & COURSES		CREDIT HOURS	SEMESTER & COURSES		CREDIT HOURS
<i>Semester 1 (Fall)</i>			<i>Semester 2 (Spring)</i>		
English 1010: Composition I		3	English 1020: Composition II		3
Social/Behavioral Science		3	CHEM 1110: General Chemistry		4
MATH 1910: Calculus I		4	MATH 1920: Calculus II		4
Humanities/Fine Arts		3	Humanities/Fine Arts		3
History		3	History		3
<b>Subtotal Semester 1</b>		<b>16</b>	<b>Subtotal Semester 2</b>		<b>17</b>
<i>Semester 3 (Fall)</i>			<i>Semester 4 (Spring)</i>		
Statics Course		3	Dynamics Course		3
Humanities/Fine Arts		3	GUIDED ELECTIVES		4
Social/Behavioral Science		3	Speech		3
PHYS 2110: Calculus-based Physics I		4	PHYS 2120: Calculus-based Physics II		4
Humanities/Literature		3	MATH 2120: Differential Equations		3
MATH 2110: Calculus III		4	MATH 2010: Linear Algebra or MATH 2050: Calculus-based Probability and Statistics		3
<b>Subtotal Semester 3</b>		<b>17</b>	<b>Subtotal Semester 4</b>		<b>16</b>
			<b>Total Credit Hours</b>		<b>66</b>
<b>NOTES:</b>					
*Students transferring to TTU have the option to select either Chemistry II or Physics II					
Students are strongly encouraged to complete a course in Mechanics of Materials, also known as Strength of Materials, before transferring to a University. Courses in engineering technology do not fulfill any of the requirements for the Area of Emphasis in Civil Engineering.					
Although it is possible to complete the B.S. Degree in Civil Engineering in four semesters after earning the associate's degree, students typically need five or six semesters to complete requirements.					