



CIVIL ENGINEERING
ASSOCIATE OF SCIENCE
 Program Requirements

SEMESTER & COURSES	CREDIT HOURS	SEMESTER & COURSES	CREDIT HOURS
<i>Semester 1 (Fall)</i>		<i>Semester 2 (Spring)</i>	
ENGL 1010: English Composition I	3	ENGL 1020: English Composition II	3
Social/Behavioral Science ¹	3	CHEM 1110: General Chemistry I	4
MATH 1910: Calculus I	4	MATH 1920: Calculus II	4
Humanities/Fine Arts	3	Humanities/Fine Arts	3
History	3	History	3
Subtotal Semester 1	16	Subtotal Semester 2	17
<i>Semester 3 (Fall)</i>		<i>Semester 4 (Spring)</i>	
ENGR 2110: Statics	3	ENGR 2120: Dynamics	3
		COMM 2025: Fundamentals of Communication or any approved speech/communication general education course	3
Social/Behavioral Science ¹	3	PHYS 2120: Calculus-Based Physics II ²	4
PHYS 2110: Calculus-Based Physics I	4	MATH 2120: Differential Equations	3
Humanities/Literature	3		
		MATH 2010: Introduction to Linear Algebra or MATH 2050: Calculus-Based Probability and Statistics ³	3
MATH 2110: Calculus III	4		
Subtotal Semester 3	17	Subtotal Semester 4	16
		Total Credit Hours	66

NOTES:

¹ Students transferring to UTK or UTC should take ECON 2100: Macroeconomics and ECON 2200: Microeconomics. Students transferring to UTM should take ECON 2100: Macroeconomics.

² Students transferring to LMU should take a Geology (GEOL) elective and not PHYS 2120.

³ UTK, TSU, UoM, and LMU do not require Math 2010 Linear Algebra but do require a 3 hour course in Probability/Statistics. Students transferring to TTU should take Math 2010 Linear Algebra.

NOTE: Students are strongly encouraged to complete a course in Mechanics of Materials, also known as Strength of Materials or Solid Mechanics, before transferring to a university.



NOTE: 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 the requirements.

NOTE: Courses in Engineering Technology do not fulfill any of the requirements for the Area of Emphasis in Civil Engineering

