



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*	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*	3	PHYS 2120: Calculus-Based Physics II	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
MATH 2110: Calculus III	4		
Subtotal Semester 3	17	Subtotal Semester 4	16
		Total Credit Hours	66

NOTES:

* Students transferring to UT-Knoxville should take macroeconomics and microeconomics to fulfill their Social/Behavioral Science general education requirements in line with UTK's 4 hour econ requirement.

** Students transferring to the UT-Chattanooga will need to take both Linear Algebra and a Probability/Statistics course. Students transferring to Tennessee Tech should take Linear Algebra. UT-Knoxville, TN State, and the University of Memphis do not require Linear Algebra, but do require a 3 hrs course in Probability/Statistics.

NOTE: Students are strongly encouraged to complete a course in Mechanics of Materials, also known as Strength of Materials, 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 associates 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