CIVIL ENGINEERING

ASSOCIATE OF SCIENCE

GENERAL EDUCATION REQUIREMENTS	CREDIT HOURS
COMMUNICATION	**9**
ENGL 1010: English Composition I	3
ENGL 1020: English Composition II	3
COMM 2025: Fundamentals of Communication or any approved speech/communication general education course	3
HUMANITIES & FINE ARTS (minimum 1 course in literature)	**9**
Any approved humanities or fine arts general education course	3
Any approved humanities or fine arts general education course	3
(literature) Any approved humanities literature general education course	3
SOCIAL/BEHAVIORAL SCIENCES*	**6**
Any approved Social/Behavioral Sciences general education course*	3
Any approved Social/Behavioral Sciences general education course*	3
HISTORY	**6**
Any approved History general education course	3
Any approved History general education course	3
NATURAL SCIENCES	**8**
PHYS 2110: Calculus - Based Physics I	4
PHYS 2120: Calculus - Based Physics II	4
MATHEMATICS	**4**
MATH 1910: Calculus I	4
GENERAL EDUCATION TOTAL	**42**
AREA OF EMPHASIS REQUIREMENTS (Major)	
MATH 1920: Calculus II	4
MATH 2110: Calculus III	4
MATH 2010: Introduction to Linear Algebra or Math 2050: Calculus-Based Probability/Statistics**	3
MATH 2120: Differential Equations	3
CHEM 1110: General Chemistry I	4
ENGR 2110: Statics	3
ENGR 2120: Dynamics (Particles and Rigid Bodies)	3
FOREIGN LANGUAGE	0
ELECTIVES (unspecified)	
AREA OF EMPHASIS REQUIREMENTS & ELECTIVES TOTAL	**24**
DEGREE TOTAL	**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 hr 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