

ELECTRICAL ENGINEERING	(Major)	ASSOCIATE OF SCIENCE	(Degree)
PROGRAM REQUIREMENTS			
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
Programming Language course	3	PHYS 2110: Calculus-based Physics I	4
MATH 1910 Calculus I	4	MATH 1920: Calculus II	4
CHEM 1110: General Chemistry I	4	Humanities/Fine Arts	3
History	3	History	3
Subtotal Semester 1	17	Subtotal Semester 2	17
<i>Semester 3 (Fall)</i>		<i>Semester 4 (Spring)</i>	
Speech	3	Social/Behavioral Science*	3
Social/Behavioral Science*	3	Circuits I course	3
PHYS 2120: Calculus-based Physics II	4	Humanities/Fine Arts	4
Literature	3	MATH 2120: Differential Equations	3
MATH 2110: Calculus III	4	MATH 2010: Linear/Matrix Algebra	3
Subtotal Semester 3	17	Subtotal Semester 4	16
		Total Credit Hours	67
NOTES:			
*Students transferring to UT Martin should take ECON 2010: Macroeconomics as one of their two Social/Behavioral General Education Courses.			
Students are encouraged to take two courses, Circuits II and Digital Design, before transferring to a university. Courses in engineering technology do not fulfill any of the requirements for the Area of Emphasis in Electrical Engineering.			
Although it is possible to compete the B.S. Degree in Electrical Engineering in four semesters after earning the associate's degree, students typically need five or six semesters to complete requirements.			