

This pathway leads from a Electrical Engineering, A.S. (TTP) degree from Chattanooga State Community College to a Bachelor of Science in Electrical Engineering degree with a major in Electrical Engineering from the University of Tennessee at Chattanooga.

Chattanooga State Community College

First Year – 34-35 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ENGL 1010: English Composition I	3	ENGL 1020: English Composition II*	3
CHEM 1110: General Chemistry I	4	PHYS 2110: Calculus-Based Physics I*	4
MATH 1910: Calculus I*	4	MATH 1920: Calculus II*	4
CISP 1010: Computer Science I or Programming	3-4	Humanities/Fine Arts to satisfy Gen Ed	3
History to satisfy Gen Ed	3	History to satisfy Gen Ed	3
	17-18		17
Second Year – 32 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
MATH 2050: Calculus Based Probability and Statistics	3	ENGR 2130: Circuits w/ Lab	3
Social/Behavioral Science to satisfy Gen Ed	3	Social/Behavioral Science to satisfy Gen Ed	3
PHYS 2120: Calculus-Based Physics II	4	MATH 2120: Differential Equations	3
MATH 2010: Introduction to Linear Algebra	3	Humanities/Fine Arts to satisfy Gen Ed	3
MATH 2110: Calculus III	4	Literature to satisfy Gen Ed	3
	17		15

* Must earn a C or better grade

Students should verify Chattanooga State Community College graduation requirements.

University of Tennessee at Chattanooga

Third Year – 38 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ENME 1011: Intro to Two/Three-Dimensional Modeling	1	ENCE 1040: Vector Statics	3
ENGL 2810: Technical Writing	3	ENEE 2740: Digital Electronics	3
ENEE 2250: Engineering Programming	3	ENEE 2720: Electrical Circuits II	3
ENEE 3250: Signals and Systems	3	ENEE 3790: Modern Control Systems Analysis & Design	3
ENEE 3750: Electromagnetic Fields and Waves	3	Approved Technical Elective (3000-4000 Level)	3
Approved Electrical Engineering Focus Elective	3	ENEE 3800/3800L: Electrical Energy Conversion/Lab	4
Electrical Engineering Elective (3000-4000 Level)	3		
	19		19
Fourth Year – 37 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ENCE 3850: Interdisciplinary Design Project I	3	ENEE 4500 (or ENEE 4995): Electrical Engineering Design Project	3
ENEE 3720/3720L: Analog Electronics/Lab	4	ENEE 4900: Fundamentals of Engr & Professionalism	3
Approved Electrical Engineering Focus Elective	3	ENEE 4800: Electronic Instrumentation	3
Approved Electrical Engineering Focus Lab Elective	1	Approved Electrical Engineering Focus Elective	3
Electrical Engineering Elective (3000-4000 Level)	3	Electrical Engineering Elective (3000-4000 Level)	3
Electrical Engineering Lab Elective (3000-4000 Level)	1	Electrical Engineering Lab Elective (3000-4000 Level)	3
Approved Technical Elective (3000-4000 Level)	3	Approved Technical Elective (3000-4000 Level)	1
	18		19

Completed:

Graduation Requirements:		Degree Requirements:	
128 Total Hours		27 General Education Hours	
39 Upper Division (3000-4000) Hours		114-115 Program (Major) Hours	
30 Hours at UTC		Minor Hours (<i>Not Required</i>)	
60 Hours at 4-year institution		Elective Hours (<i>Not Required</i>)	
4 Technical Elective Hours		Foreign Language Hours (<i>Not Required</i>)	

This Transfer Path is a supplemental resource only. Students should consult their catalog year for official lists of general education courses, program requirements, pre-requisites, and co-requisites.