B.S. Engineering Technology Management: Engineering Management

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

Chattanooga State Community College

First Year – 32 Hours			
Fall Semester:	**Hrs**	*Spring Semester:*	**Hrs**
ENGL 1010: English Composition I	3	ENGL 1020: English Composition II*	3
MATH 1910: Calculus I	4	Additional MATH Course (MATH 1530: Introductory Statistics)	3
Engineering Graphics Course	3	PHYS 2010: Non-Calculus Physics I	4
Humanities/Fine Arts to satisfy Gen Ed	3	COMM 2025: Fundamentals of Communication	3
History to satisfy Gen Ed	3	History to satisfy Gen Ed	3
	16		16
Second Year – 30 Hours			
Fall Semester:	**Hrs**	*Spring Semester:*	**Hrs**
ECON 2100: Principles of Macroeconomics	3	ECON 2200: Principles of Microeconomics	3
Safety Course	3	EE 1110: Electrical Circuits I	4
Natural Science to satisfy Gen Ed	4	Humanities/Fine Arts to satisfy Gen Ed	3
Literature to satisfy Gen Ed	3	Lab Science Elective (CHEM 1110: General Chemistry I or PHYS 2020: Non-Calculus Physics II)	4
Elective (INFS 1010: Computer Applications)**	3		
	16		14

* Must earn a C or better grade

**Introductory Computer Science course to fulfil UTC program requirement

Students should verify Chattanooga State Community College graduation requirements.

University of Tennessee at Chattanooga

Third Year – 37 Hours			
Fall Semester:	**Hrs**	*Spring Semester:*	**Hrs**
ETEM 1000: ETM Seminar I	1	BUS 3350: Legal Environment of Business	3
ACC 2010: Principles of Accounting I	3	ACC 2020: Principles of Accounting II	3
ETCM 1100: Blueprint Reading & Sketching	3	ETEM 3580: Material Management	3
ETEM 3550: Project Management & Practice	3	ETEM 3870: Intro to Logistics Management	3
ETEM 1320: Intro to Materials for Construction & Technology	3	ENGL 2810: Technical Writing, 2820: Scientific Writing, or 2880: Professional Writing	3
ENCE 3520: Engineering Economy	3	ETCM 3150: Building Information Modeling (BIM)	3
Technical Elective	3	CPSC 1000: Introduction to Computing or MGT 1000: Computers in Business***	0-3
	19		18-21
Fourth Year – 37 Hours			
Fall Semester:	**Hrs**	*Spring Semester:*	**Hrs**
ETEM 4560: Quality Improvement	3	ETEM 4500: Engineering Management Design	3
ETEM 4590: Facilities Management	3	ETEM 4540: Value Management	3
ETCM 3090: Architectural CAD	3	ETEM 4050: Engineering Management Principles	3
Technical Elective	3	Technical Elective	3
ETEM 4960r: ETM Internship	3	Technical Elective	3
Technical Elective	4	Technical Elective	3
	19		18

***Course not required if Introductory Computer Science was completed at 2-year institution

Completed:			
Graduation Requirements:		**Degree Requirements:**	
127 Total Hours		26 General Education Hours	
39 Upper Division (3000-4000) Hours		97 Program (Major) Hours	
30 Hours at UTC		Minor Hours *(Not Required)*	
60 Hours at 4-year institution		10-13 Elective Hours	
		Foreign Language Hours *(Not Required)*	

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.