

B.S. Engineering Technology Management: Construction 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: Construction Management from the University of Tennessee at Chattanooga.

Chattanooga State Community College

First Year – 32 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	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
History to satisfy Gen Ed	3	COMM 2025: Fundamentals of Communication	3
Humanities/Fine Arts to satisfy Gen Ed	3	History to satisfy Gen Ed	3
	16		16
Second Year – 30 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ECON 2100: Principles of Macroeconomics	3	ECON 2200: Principles of Macroeconomics	3
Safety Course	3	EE 1110: Electrical Circuits I (technical elective)	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) (technical elective)	4
Elective (INFS 1010: Computer Applications)**	3		
	16		14

* Must earn a C or better grade

**Introductory Computer Science course to fulfill UTC program requirement

Students should verify Chattanooga State Community College graduation requirements.

University of Tennessee at Chattanooga

Third Year – 37 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ETEM 1000: ETM Seminar I	1	ACC 2020: Principles of Accounting II	3
ACC 2010: Principles of Accounting I	3	ETCM 3150: Building Information Modeling (BIM)	3
ETCM 2010: Industrial Safety & Risk Mgt	3	ETCM 2020: Estimating & Construction Documents I	3
ETEM 1320: Intro to Materials for Construction & Technology	3	ETCM 3090: Architectural CAD	3
ENCE 3520: Const. Est.& Analysis for Eng. Mgmt.	3	ENGL 2810: Technical Writing, 2820: Scientific Writing, or 2880: Professional Writing	3
ETCM 2640: Construction Office Practice	3	ETEM 3550: Project Management & Practice	3
Technical Elective	3	ETCM 4610: Construction Law & Contracts	3
	19		21

Summer– 3-4 Hours

<i>Summer Semester:</i>	Hrs		
Technical Elective	0-1		
MGT 3150: Management Concepts, Theory & Practice	3		
	3-4		

Fourth Year – 36 Hours

<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ETCM 4020: Estimating & Construction Documents II	3	ETCM 4500: Construction Management Design	3
ETEM 3240: Construction Structures	3	ETEM 4540: Value Management	3
ETCM 4960r: Construction Management Internship	3	ETEM 3440: Mech. and Electrical Systems in Buildings	3
ETEM 4590: Facilities Management	3	ETCM 4010: Construction Scheduling	3
ETEM 3340: Building Science Applications	3	ETCM 4050: Strategic Mgmt for Construction Business	3
Technical Elective	3	BUS 3350: Legal Environment of Business	3
	18		18

Completed:

Graduation Requirements:		Degree Requirements:	
127 Total Hours		25 General Education Hours	
39 Upper Division (3000-4000) Hours		103-104 Program (Major) Hours	
30 Hours at UTC		Minor Hours (<i>Not Required</i>)	
60 Hours at 4-year institution		10 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.