CLEAR PATH for ADVISING –
Engineering Technology Management: Engineering Management, B.S.

2022-2023

Please refer to the Undergraduate Catalog for further program requirements and course descriptions.

First Year – 29-31 Hours			
Fall Semester:	**Hrs**	**Spring Semester:**	**Hrs**
MATH 1830: *Calculus for Mgmt, Life, & Social Science* or 1950: *Calculus w Analytic Geometry I* (Mathematics)	3-4	MGT 1000: *Computers in Business* or CPSC 1000: *Intro to Computing*	3
ETEM 1000: *ETM Seminar I*	1	Fine Arts and Humanities**	3
ETEM 1320: Intro to Material Science and Tech.	3	Non-Western Culture	3
Natural Science without Lab	3	Natural Science with Lab	4
ENGL 1010 or 1011 (Rhetoric and Writing I)	3-4	ENGL 1020 (Rhetoric and Writing II)	3
Fine Arts and Humanities**	3		
	16-18		16
Second Year – 30 Hours			
Fall Semester:	**Hrs**	**Spring Semester:**	**Hrs**
ECON 1010: *Principles of Economics: Macroeconomics* (Behavioral and Social Science)	3	ECON 1020: *Principles of Economics: Microeconomics* (Behavioral and Social Science)	3
ACC 2010: *Principles of Accounting I*	3	ACC 2020: *Principles of Accounting II*	3
MGT 2130: *Stats for Business*, ENCE 2220: *Probability & Stats for Engr*, or MATH 2100: *Introductory Stats* (Stats)	3	ENGL 2810: *Technical Writing*, 2820: *Scientific Writing*, or 2880: *Professional Writing*	3
ETCM 1100: *Blueprint Reading & Sketching*	3	Technical Elective	3
Technical Elective	3	Technical Elective	3
	15		15
Third Year – 36 Hours			
Fall Semester:	**Hrs**	**Spring Semester:**	**Hrs**
ETEM 3550: *Project Management & Practice*	3	ETEM 3580: *Material Management*	3
BUS 3350: *Legal Environment of Business*	3	ETEM 3870: *Intro to Logistics Management*	3
ETCM 3090: *Architectural CAD*	3	MGT 3150: *Mgmt. Concepts, Theory, & Practice*	3
Technical Elective	3	ETEM 4050: *Engineering Management Principles*	3
ETEM 3520: *Cost Est. & Analysis for Engineering Mgmt.*	3	Technical Elective	3
Technical Elective	3		
	18		15
Fourth Year – 30-33 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
ETEM 4960r: *ETM Internship*	3	Technical Elective	3
Technical Elective	3	Technical Elective	3
Technical Elective	3	Technical Elective	3-4
Elective	2		
	17		15-16

*Fine Arts and Humanities: 6 hours must be taken so that two different categories in FAH: Historical Understanding; Literature; Thought, Values & Beliefs; or Visual & Performing Arts are satisfied.

Completed:			
Graduation Requirements:	**Hrs**	**Degree Requirements:**	**Hrs**
127 Total Hours		22-23 General Education Hours	
39 Upper Division (3000-4000) Hours		103-105 Program (Major) Hours	
32 Hours at UTC		Minor *(Not Required)*	
60 Hours at 4-year Institution		2 Elective Hours	
		Foreign Language *(Not Required)*	