Minimum Hours: 120 Engineering Technology Management (B.S.) 2023-2024 Catalog

FRESHMAN – Fall Semester	Hours	FRESHMAN – Spring Semester	Hours
COL 101 Foundations for Student Success+	1	HIS general survey course (100/200 level)	3
CT 113 Critical Survey of Worldviews	3	COMM 111 Intro to Communication	3
ENG 109 College Writing I OR ENG 111 Freshman English*	3	Free electives	2
MATH 117 Precalculus (or MATH 122)	4	Christian Studies Elective (BIB/CM/CT/PHIL/GRK/HEB)	3
BUS 121 Introduction to Business	3	EGR 124 Introduction to Design	3
EGR 121 Introduction to Engineering	2		
		(ENG 110 College Writing II)*	
TOTAL HOURS	16	TOTAL HOURS	14
SOPHOMORE – Fall Semester		SOPHOMORE – Spring Semester	
PHYS 241/245 Physics I w/lab	3/1	BIB 224 New Testament Literature & Interpretation	3
BIB 222 Old Testament Literature & Interpretation	3	CT 105 CLF: Engineering Service	1
Choose ONE of the following: CSCI 116, 325, ECFN 100/200, PSGS 221, 226, 315, SS 211 or foreign language	3	PHYS 242/246 Physics II w/lab	3/1
Choose <i>ONE</i> of the following: PSY 111, 228, 330, or 334	3	MGT 237 Principles of Management	3
ACCT 231 Principles of Accounting I	3	MATH 211 Elementary Statistics	3
TOTAL HOURS	16	TOTAL HOURS	14
JUNIOR – Fall Semester		JUNIOR – Spring Semester	
Choose ONE of the following: ENG 100/200, FA 211, FLM 210, MUS 100/200, or THT 100/200 (excludes ENG 245, lessons, ensembles, practicums)	3	Christian Studies Elective (BIB/CM/CT/PHIL)	3
EGR 225 Engineering Economics	2	EGTM 322 Fundamentals of Engineering Tech-Strength of Mat	5
EGR 347 Engineering Professional Development	1	Major elective**	3
EGTM 221 Fund of Engineering Tech-Statics	3	Free electives	4
MGT 329 Project Management	3		
Free electives	2		
TOTAL HOURS	14	TOTAL HOURS	15
SENIOR – Fall Semester		SENIOR – Spring Semester	
EGR 491 Capstone Senior Design I	2	EGR 424 Engineering Ethics	3
MGT 415 Production & Operations Management	3	EGR 492 Capstone Senior Design II	4
Free electives	10	Major elective – upper level**	3
		Engineering Electives-EGR, EGCI, EGME	3
		Free electives	3
TOTAL HOURS	15	TOTAL HOURS	16

⁺ COL 101 is required of first time freshmen who have no standardized test scores or those who score less than 18 on the ACT Composite, less than 960 on the SAT or less than 61 on the CLT.

This document is to be used for planning purposes only. Please refer to the academic catalog for complete information. Course planning should be completed in consultation with your academic adviser. Not all courses are offered every semester or every year. Minimum total hours for a bachelors degree is 120.

^{*}Students are required to take either ENG 109/110 College Writing I and II (6 credits) OR ENG 111 Freshman English (3 credits). Placement in ENG 111 requires an ACT <u>English</u> score of at least 21 <u>OR</u> an SAT Evidence-Based Reading & Writing score of at least 530 <u>OR</u> CLT score of at least 68. Students who are placed in the ENG 109-110 sequence will need to take ENG 110 in the spring semester of the freshman year.

^{**} Choose from: ACCT 232, 335, 336, 338; BUS 326; ECFN 221, 325, 439; MGT 343; MKT 243