

Minimum Hours: 120 Engineering Technology Management (B.S.) 2020-21 Catalog

FRESHMAN – Fall Semester		FRESHMAN – Spring Semester	
	Hours		Hours
COL 100 Bryan Gateway Seminar	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 <u>OR</u> ENG 111 Freshman English*	3	Free electives	2
MATH 117 Precalculus (or MATH 119 or 122)	3-4	Christian Studies Elective (BIB/CM/CT/PHIL/GRK/HEB)	3
BUS 121 Introduction to Business	3	EGR 124 Intro to Engineering Design-Art of Engineering	3
EGR 121 Introduction to Engineering	3	EGR 122 Engineering Service	1
		(ENG 110 College Writing II)*	
TOTAL HOURS	16	TOTAL HOURS	15

SOPHOMORE – Fall Semester		SOPHOMORE – Spring Semester	
PHYS 241/245 Physics I	4	BIB 224 New Testament Literature & Interpretation	3
BIB 222 Old Testament Literature & Interpretation	3	PHYS 242/246 Physics II	4
Choose ONE of the following: ECFN 100/200, PSGS 221, 226, 315, SS 211 or foreign language	3	MGT 237 Principles of Management	3
Choose ONE of the following: PSY 111, 228, 330, or 334	3	MATH 211/242 Elem Stats / Statistics for Scientists & Engineers	3
ACCT 231 Principles of Accounting I	3		
TOTAL HOURS	16	TOTAL HOURS	13

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	3	EGTM 322 Fundamentals of Engineering Tech-Strength of Mat	5
EGR 347 Engineering Professional Development I	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	15	TOTAL HOURS	15

SENIOR – Fall Semester		SENIOR – Spring Semester	
EGR 349 Engineering Professional Development II	1	EGR 424 Engineering Ethics	3
EGR 491 Capstone Senior Design I	3	EGR 492 Capstone Senior Design II	3
MGT 415 Production & Operations Management	3	Major elective – upper level**	3
Free electives	8	EGR elective	3
		Free electives	3
TOTAL HOURS	15	TOTAL HOURS	15

*Depending on standardized test scores, students are required to take either ENG 109-110 College Writing I and II (6 credits) OR ENG 111 Freshman English (3 credits). 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

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.