

Engineering Technology - CONSTRUCTION Concentration

Bachelor of Science

NAME:

W#:

	Grade	Semester	Minimum Grade of D Required:	Grade	Semester	Minimum Grade of C required:	
ENGLISH (12 hrs)			ENGL 101 Freshman Composition (3 hrs)			OSHE 111 Introduction to OSHE (3 hrs)	ENGINEERING TECHNOLOGY (33 hrs)
			ENGL 102 Critical Reading and Writing (3 hrs)			ET 111 Engineering Graphics (3 hrs)	
			ENGL 230, 231 <u>or</u> 232 (3 hrs)			IT 407 Six Sigma Industrial Quality (3 hrs)	
			ENGL 322 Intro to Prof and Technical Writing (3 hrs)			ET 100 Introduction to Engineering Technology (3 hrs)	
NATURAL SCIENCE (15 hrs)			Biology - GBIO 151 (3 hrs)			ET 202 Computer Applications (3 hrs)	
			Biology - BIOL 152 (1 hr)			ET 213 Electrical Circuits (3 hrs)	
			Chemistry - CHEM 121 Lecture (3 hrs)			ET 241 Introduction to Engineering Materials (3 hrs)	
			Physics - PHYS 191 Lecture (3 hrs)			ET 305 Human Factors Engineering (3 hrs)	
			Physics - PLAB 193 Lab (1 hr)			ET 492 Project Management (3 hrs)	
			Physics - PHYS 192 Lecture (3 hrs)			ET 493 Senior Design I (3 hrs)	
GENERAL EDUCATION (17 hrs)			ART, DNCE, MUS, <u>or</u> THEA (3 hrs)			ET 132 Construction Materials and Methods (3 hrs)	CONSTRUCTION CONCENTRATION (33 hrs)
			HIST 101, 102, 201, <u>or</u> 202 (3 hrs)			ET 231 Surveying I (3 hrs)	
			COMM 211 Introduction to Public Speaking (3 hrs)			ET 232 Surveying II (3 hrs)	
			ECON 201 or ECON 202 (3 hrs)			ET 234 Concrete and Masonry Design (3 hrs)	
			ECON, PSYC, ANTH, SOC, <u>or</u> POLI (3 hrs)			ET 244 Construction Regulations, Contracts, and Specifications (3 hrs)	
			SE 101 or Free Elective (2 hrs) not required of transfer or re-admitted students with 30 hours or more.			ET 271 Engineering Statics (3 hrs)	
MATH			MATH 165 Precalculus with Trigonometry (3 hrs)			ET 331 Commercial Construction Estimating I (3 hrs)	Tech. Elec.
			MATH 200 Calculus I (5 hrs)			ET 332 Commercial Construction Estimating II (3 hrs)	
¹ Technical Electives can be chosen from: IT 351 Machine Tool Technology ET 400 Internship ET 442 Construction Inspection ET 445 Commercial Architecture ET 446 Construction Systems ET 448 Construction Hydraulics OSHE 231 Safety Laws, Regulations, and Standards OSHE 382 Construction Safety OSHE 421 Measurement of Safety DDT 113 Architectural Drafting DDT 215 Light Commercial Building Drafting					ET 336 Steel Design (3 hrs)		
					ET 441 Construction Planning and Scheduling (3 hrs)		
					ET 443 Foundation and Soil Mechanics (3 hrs)		
					¹ Technical Elective (3 hrs)		
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