

Engineering Technology - CONSTRUCTION Concentration

Bachelor of Science

NAME:

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	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 (31 hrs)
			ENGL 102 Critical Reading and Writing (3 hrs)			IT 407 Six Sigma Industrial Quality (3 hrs)	
			ENGL 230, 231 <i>or</i> 232 (3 hrs)			ET 100 Introduction to Engineering Technology (3 hrs)	
			ENGL 322 Intro to Prof and Technical Writing (3 hrs)			ET 111 Engineering Graphics (3 hrs)	
NATURAL SCIENCE (15 hrs)			Biology - G BIO 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 490 Seminar (1 hr)	
			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)	
			Physics - PLAB 194 Lab (1 hr)			ET 494 Senior Design II (3 hrs)	
GENERAL EDUCATION (17 hrs)			ART, DNCE, MUS, or THEA (3 hrs)			ET 132 Construction Materials and Methods (3 hrs)	
			HIST 101, 102, 201, or 202 (3 hrs)			ET 231 Surveying I (3 hrs)	
			COMM 211 Introduction to Public Speaking (3 hrs)			ET 244 Construction Regulations, Contracts, and Specifications (3 hrs)	
			ECON 201 or ECON 202 (3 hrs)			ET 271 Engineering Statics (3 hrs)	
			ANTH, ECON, POLI SCI, PSYC, or SOC (3 hrs)			ET 331 Commercial Construction Estimating I (3 hrs)	
			SE 101 or Free Elective (2 hrs) not required of transfer or re-admitted students with 30 hours or more.			ET 332 Commercial Construction Estimating II (3 hrs)	
MATH (10 hrs)	Grade	Semester	Minimum Grade of C Required:			ET 334 Reinforced Concrete Design (3 hrs)	
			MATH 175 Precalculus with Trigonometry (5 hrs)			ET 336 Steel Design (3 hrs)	
			MATH 200 Calculus I (5 hrs)			ET 441 Construction Planning and Scheduling (3 hrs)	
			¹ Technical Electives can be chosen from: DDT 113 Architectural Drafting DDT 215 Light Commercial Building Drafting ET 381 Engineering Materials ET 400 Internship ET 442 Construction Inspection ET 445 Commercial Architecture ET 446 Construction Systems IT 351 Machine Tool Technology OSHE 231 Safety Laws, Regulations, and Standards OSHE 382 Construction Safety OSHE 421 Measurement of Safety Performance and Accident			ET 443 Foundation and Soil Mechanics (3 hrs)	
						ET 448 Construction Hydraulics (3 hrs)	
						¹ Technical Elective (3 hrs)	
						¹ Technical Elective (3 hrs)	
							Tech Elec (6 hrs)