

**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:	
<b>ENGLISH (12 hrs)</b>			<b>ENGL 101</b> Freshman Composition (3 hrs)			<b>OSHE 111</b> Introduction to OSHE (3 hrs)	<b>ENGINEERING TECHNOLOGY (33 hrs)</b>
			<b>ENGL 102</b> Critical Reading and Writing (3 hrs)			<b>ET 111</b> Engineering Graphics (3 hrs)	
			<b>ENGL 230, 231 <u>or</u> 232</b> (3 hrs)			<b>IT 407</b> Six Sigma Industrial Quality (3 hrs)	
			<b>ENGL 322</b> Intro to Prof and Technical Writing (3 hrs)			<b>ET 100</b> Introduction to Engineering Technology (3 hrs)	
<b>NATURAL SCIENCE (15 hrs)</b>			<b>Biology - GBIO 151</b> (3 hrs)			<b>ET 202</b> Computer Applications (3 hrs)	<b>ENGINEERING TECHNOLOGY (33 hrs)</b>
			<b>Biology - BIOL 152</b> (1 hr)			<b>ET 213</b> Electrical Circuits (3 hrs)	
			<b>Chemistry - CHEM 121</b> Lecture (3 hrs)			<b>ET 241</b> Introduction to Engineering Materials (3 hrs)	
			<b>Physics - PHYS 191</b> Lecture (3 hrs)			<b>ET 305</b> Human Factors Engineering (3 hrs)	
			<b>Physics - PLAB 193</b> Lab (1 hr)			<b>ET 492</b> Project Management (3 hrs)	
			<b>Physics - PHYS 192</b> Lecture (3 hrs)			<b>ET 493</b> Senior Design I (3 hrs)	
<b>GENERAL EDUCATION (17 hrs)</b>			<b>ART, DNCE, MUS, <u>or</u> THEA</b> (3 hrs)			<b>ET 132</b> Construction Materials and Methods (3 hrs)	<b>CONSTRUCTION CONCENTRATION (33 hrs)</b>
			<b>HIST 101, 102, 201, <u>or</u> 202</b> (3 hrs)			<b>ET 231</b> Surveying I (3 hrs)	
			<b>COMM 211</b> Introduction to Public Speaking (3 hrs)			<b>ET 232</b> Surveying II (3 hrs)	
			<b>ECON 201 or ECON 202</b> (3 hrs)			<b>ET 234</b> Concrete and Masonry Design (3 hrs)	
			<b>ECON, PSYC, ANTH, SOC, <u>or</u> POLI</b> (3 hrs)			<b>ET 244</b> Construction Regulations, Contracts, and Specifications (3 hrs)	
			<b>SE 101 or Free Elective</b> (2 hrs) not required of transfer or re-admitted students with 30 hours or more.			<b>ET 271</b> Engineering Statics (3 hrs)	
<b>MATH</b>			<b>MATH 165</b> Precalculus with Trigonometry (3 hrs)			<b>ET 331</b> Commercial Construction Estimating I (3 hrs)	<b>Tech. Elec.</b>
			<b>MATH 200</b> Calculus I (5 hrs)			<b>ET 332</b> Commercial Construction Estimating II (3 hrs)	
<sup>1</sup> 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						<b>ET 336</b> Steel Design (3 hrs)	<b>Tech. Elec.</b>
						<b>ET 441</b> Construction Planning and Scheduling (3 hrs)	
						<b>ET 443</b> Foundation and Soil Mechanics (3 hrs)	
						<sup>1</sup> Technical Elective (3 hrs)	
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