



Civil Engineering Technology Structures Concentration, B.S.
Minor (not required)
2022-2023 Catalog Year

First Year		Credits
Fall: 16 Credits	COMM 1010: Presentational Speaking OR COMM 1100: Fundamentals of Oral Communication	3
	CET 1100: Intro to Civil Engineering Technology OR CET 1040: Introduction to Engineering	3
	CET 1215: Engineering Graphics	3
	MTH 1410: Calculus I	4
	ENG 1010: Composing Arguments	3
Spring: 18 Credits	ENG 1020: Research and Argument Writing	3
	MTH 2410: Calculus II	4
	CHE 1100: Principles of Chemistry AND CHE 1150: Principles of Chemistry Laboratory	5
	ARCH 2003: Building Structures	3
	Arts an Humanities (MC or GD*)	3
Second Year		Credits
Fall: 15 Credits	JMP 2610: Introduction to Technical Writing	3
	CET 2150: Mechanics I - Statics	3
	MTH 2420: Calculus III	4
	PHY 2311: General Physics I AND PHY 2321: General Physics I Laboratory	5
Spring: 15 Credits	CET 3135: Mechanics of Materials with Laboratory	4
	MET 3160: Mechanics II - Dynamics	3
	ECO 2020: Principles of Microeconomics	3
	PHY 2331: General Physics II AND PHY 2341: General Physics II Laboratory	5

Third Year		Credits
Fall: 18 Credits	CET 3120: Engineering Economy	3
	CET 3185: Fluid Mechanics I (Fall only)	3
	MET 3110: Thermodynamics	3
	EET 2350: Advanced Technical Programming	3
	History class (MC or GD*)	3
	PHI 1030: Intro to Ethics OR PHI 3360: Business Ethics	3
Spring: 18 Credits	CET 3190: Fluid Mechanics II for CET (Spr. only)	3
	CET 3170: Intro to Structural Analysis	3
	CET 4150: Highway Engineering and Surveying	3
	CET 3330: Environmental Technology Processes	3
	Approved Technical Elective	3
	Social and Behavioral Sciences (MC or GD*)	3
Fourth Year		Credits
Fall: 14 Credits	CET 4100: Senior Project I	1
	CET 4130: Soil Mechanics (Fall only)	3
	CET 4450: Timber Design**	3
	CET 4400: Steel Design I (Fall only)	4
	CET 4120: Concrete Design I (Fall only)	3
Spring: 14 Credits	CET 4110: Senior Project II	2
	CET 4135: Foundation & Geotechnical Engineering (Spr. only)	3
	CET 4570: Engineering Law	3
	CET 4140: Concrete Design II (Spr. Only)	3
	CET 4410: Steel Design II (Spr. Only)	3

*GD = global diversity class *MC = multicultural class

**Subject to change, offered every other semester