



METROPOLITAN STATE UNIVERSITYSM
OF DENVER
College of Professional Studies

Civil Engineering Technology, B.S. - Construction Concentration
 Minor (not required)
 Fall 2019 Catalog Year

First Year		
Fall: 16 Credits	CAS 1010 (3) Public Speaking or CAS1710 Interpersonal Com	
	CET 1100 (3) Introduction to Civil Engineering Technology OR	
	CET 1040 (3) Introduction to Engineering	
	Historical (3) MC or GD recommended	
	MTH 1410 (4) Calculus I	
	ENG1010 Composing Arguments (3)	
Spring: 15 Credits	CET 1215 (3) Engineering Graphics (F, S, Su)	
	MTH 2410 (4) Calculus II	
	PHY 2311 (4) General Physics I AND	
	PHY 2321 (1) General Physics Lab I	
	ENG1020 Research & Argument Writing (3)	

Third Year		
Fall: 15 Credits	CET 3120 (3) Engineering Economy	
	CET 3185 (3) Fluid Mech I for Civil Engineering Techology (Fall)	
	MET 3110 (3) Thermodynamics	
	EET 2350 (3) Advanced Technical Programming	
	CET 3100 (3) Construction Methods (Su19, Sp20, Fa20, Su21)	
Spring: 15 Credits	CET 3190 (3) Fluid Mechanics II for CET (spring)	
	CET 3170 (3) Intro to Structural Analysis (Fall 19, Su 20, Sp 21, Fall 21)	
	CET 4150 (3) Highway Engineering and Surveying	
	CET 3330 (3) Environmental Tech Programming	
	Arts & Humanities (3)	

Second Year		
Fall: 18 Credits	ARCH 2003 (3) Building Structures	
	CET 2150 (3) Mechanics I - Statics	
	MTH 2420 (4) Calculus III	
	CHE 1100 (4) Principles of Chemistry AND	
	CHE 1150 (1) Principles of Chemistry Laboratory	
	JMP 2610 (3) Introduction to Technical Writing	
Spring: 15 Credits	CET 3135 (4) Mechanics of Materials with Laboratory	
	MET 3160 (3) Mechanics II Dynamics	
	ECO 2020 (3) Principals of Microeconomics	
	PHY 2331 (4) General Physics II AND	
	PHY 2341 (1) General Physics II Laboratory	

Fourth Year		
Fall: 17 Credits	CET 4100 (1) Senior Project I (Summer and Fall)	
	CET 4120 (3) Concrete Design I (Fall)	
	CET 4400 (3) Steel Design I (Fall)	
	CET 4130 (4) Soil Mechanics (Fall)	
	CET 3110 (3) Construction Estimat (Su19, Sp20, Fa20, Su21) Social & Behavioral Sciences I (3) MC or GD Recommended	
Spring: 17 Credits	CET 4450 (3) Timber Design (Fa 19, Su 20, Sp21, Fa21)	
	CET 4110 (2) Senior Project II (Spring and Summer)	
	CET 4135 (3) Foundation & Geotechnical Engineering (spring)	
	PHI 3360 (3) Business Ethics OR	
	PHI 1030 (3) Introduction to Ethics	
	CET 4570 (3) Engineering Law	
	Approved Technical Elective (3)*	

*Please consult a CET advisor