



METROPOLITAN STATE UNIVERSITYSM
OF DENVER
College of Professional Studies

Civil Engineering Technology, B.S. - Construction Concentration

Minor (not required)

Fall 2017 Catalog Year

First Year		
Fall: 16 Credits	CAS 1010 (3) Public Speaking	
	CET 1100 (3) Intro to Civil Engineering Tech. (F, S, Su) OR	
	CET 1040 (3) Introduction to Engineering	
	Historical (3) MC recommended	
	MTH 1410 (4) Calculus I	
	Written Communications (3)	
Spring: 15 Credits	CET 1215 (3) Engineering Graphics (F, S, Su)	
	CHE 1100 (4) Principles of Chemistry AND	
	CHE 1150 (1) Principles of Chemistry Laboratory	
	MTH 2410 (4) Calculus II	
	Written Communication (3)	

Third Year		
Fall: 15 Credits	CET 3120 (3) Engineering Economy (F)	
	CET 3185 (3) Fluid Mechanics I for Civil Engineering Tech. (F)	
	CET 3330 (3) Environmental Technology Processes (F)	
	EET 2350 (3) Advanced Technical Programming (F, S)	
	MET 3110 (3) Thermodynamics (F)	
Spring: 15 Credits	Arts and Humanities (3) ARTH 1600 GD recommended	
	CET 3100 (3) Construction Methods (S)	
	CET 3170 (3) Introduction to Structural Analysis (S)	
	CET 3190 (3) Fluid Mechanics II for Civil Engineer. Tech. (S)	
	CET 4150 (3) Highway Engineering and Surveying (S)	
Summer: 3 credits	Approved (by CET advisor) Technical Elective (3)	

Second Year		
Fall: 18 Credits	ARCH 2003 (3) Building Structures (F, S, Su)	
	CET 2150 (3) Mechanics I - Statics (F, S, Su)	
	COM 2610 (3) Introduction to Technical Writing	
	MTH 2420 (4) Calculus III	
	PHY 2311 (4) General Physics I AND	
	PHY 2321 (1) General Physics Laboratory I	
Spring: 15 Credits	CET 3135 (4) Mechanics of Materials with Laboratory (F, S)	
	ECO 2020 (3) Principals of Microeconomics	
	MET 3160 (3) Mechanics II Dynamics (F, S)	
	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 (F)	
	CET 4120 (3) Concrete Design I (F)	
	CET 4130 (4) Soil Mechanics (F)	
	CET 4400 (3) Steel Design I (F)	
	CET 4450 (3) Timber Design (F)	
	CET 4570 (3) Engineering Law (F)	
Spring: 14 Credits	CET 3110 (3) Construction Estimating (F, S)	
	CET 4110 (2) Senior Project II (S)	
	CET 4135 (3) Foundation and Geotechnical Engineering (S)	
	PHI 3360 (3) Business Ethics OR	
	PHI 1030 (3) Introduction to Ethics	
	Social & Behavioral Sciences I (3)	