



METROPOLITAN STATE UNIVERSITYSM
OF DENVER
College of Professional Studies

Civil Engineering Technology, B.S. - Construction Concentration
 Minor (not required)
 Fall 2016 catalog year

First Year		
Fall: 16 Credits	CET 1100 (3) Intro to Civil Engineering Tech. (F, S, Su) OR	
	CET 1040 (3) Introduction to Engineering	
	MTH 1410 (4) Calculus I (F, S, Su)	
	ENG 1010 (3) Composing Arguments (F, S, Su)	
	CAS 1010 (3) Public Speaking (F, S, Su)	
	Historical (3) MC recommended	
Spring: 15 Credits	CET 1215 (3) Engineering Graphics (F, S, Su)	
	MTH 2410 (4) Calculus II (F, S, Su)	
	ENG 1020 (3) Freshman Comp: Anly, Rsrch, & Doc. (F, S, Su)	
	CHE 1100 (4) Principles of Chemistry AND	
	CHE 1150 (1) Principles of Chemistry Laboratory (F, S, Su)	

Third Year		
Fall: 15 Credits	CET 3185 (3) Fluid Mechanics I for Civil Engineering Tech. (F)	
	CET 3120 (3) Engineering Economy (F)	
	CET 3330 (3) Environmental Technology Processes (F)	
	MET 3110 (3) Thermodynamics (F)	
	EET 2350 (3) Advanced Technical Programming (F, S)	
Spring: 15 Credits	CET 3190 (3) Fluid Mechanics II for Civil Engineer. Tech. (S)	
	CET 3170 (3) Introduction to Structural Analysis (S)	
	CET 4150 (3) Highway Engineering and Surveying (S)	
	CET 3100 (3) Construction Methods (S)	
	Arts and Humanities (3) (F, S, Su) ARTH 1600 GD recommended	
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 (F, S, Su)	
	MTH 2420 (4) Calculus III (F, S, Su)	
	PHY 2311 (4) General Physics I AND	
	PHY 2321 (1) General Physics Laboratory I (F, S, Su)	
Spring: 15 Credits	CET 3135 (4) Mechanics of Materials with Laboratory (F, S)	
	MET 3160 (3) Mechanics II Dynamics (F, S)	
	PHY 2331 (4) General Physics II AND	
	PHY 2341 (1) General Physics II Laboratory (F, S, Su)	
	ECO 2020 (3) Principals of Microeconomics (F, S, Su)	

Fourth Year		
Fall: 17 Credits	CET 4130 (4) Soil Mechanics (F) (Sr. Exp.)	
	CET 4100 (1) Senior Project I (F)	
	CET 4400 (3) Steel Design I (F)	
	CET 4120 (3) Concrete Design I (F)	
	CET 4570 (3) Engineering Law (F)	
	CET 4450 (3) Timber Design (F)	
Spring: 14 Credits	CET 4135 (3) Foundation and Geotechnical Engineering (S)	
	CET 4110 (2) Senior Project II (S)	
	CET 3110 (3) Construction Estimating (F, S)	
	PHI 3360 (3) Business Ethics OR	
	PHI 1030 (3) Introduction to Ethics	
	Social & Behavioral I (3)	