



METROPOLITAN STATE UNIVERSITYSM
OF DENVER
College of Professional Studies

Civil Engineering Technology, B.S. - Structures 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	
	History (3) MC recommended	
	MTH 1410 (4) Calculus I	
	Written Communication (3)	
Spring: 15 Credits	CET 1215 (3) Engineering Graphics (F, S, Su)	
	MTH 2410 (4) Calculus II	
	Written Communication (3)	
	CHE 1100 (4) Principles of Chemistry AND CHE 1150 (1) Principles of Chemistry Laboratory	

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) Advance Technical Programming (F, S)	
Spring: 15 Credits	CET 3190 (3) Fluid Mechanics II for Civil Engineering Tech. (S)	
	CET 3170 (3) Introduction to Structural Analysis (S)	
	CET 4150 (3) Highway Engineering and Surveying (S)	
	Approved (by CET advisor) Technical Elective (3)	
	Arts & Humanities (3) ARTH 1600 GD recommended	

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)	
	MET 3160 (3) Mechanics II Dynamics (F, S)	
	PHY 2331 (4) General Physics II AND PHY 2341 (1) General Physics II Laboratory	
	ECO 2020 (3) Principals of Microeconomics	

Fourth Year		
Fall: 17 Credits	CET 4130 (4) Soil Mechanics (F)	
	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: 17 Credits	CET 4135 (3) Foundation and Geotechnical Engineering (S)	
	CET 4110 (2) Senior Project II (S)	
	CET 4410 (3) Steel Design II (S)	
	CET 4140 (3) Concrete Design II (S)	
	Social & Behavioral Science I (3)	
	PHI 1030 (3) Introduction to Ethics OR PHI 3360 (3) Bussiness Ethics	