



METROPOLITAN STATE UNIVERSITYSM
OF DENVER
College of Professional Studies

Civil Engineering Technology, B.S. - Structures Concentration
 Minor (not required)
 Fall 2015 catalog year

First Year	
Fall: 16 Credits	CET 1100 (3) Introduction 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)
	SPE 1010 (3) Public Speaking (F, S, Su)
	Arts & Humanities (3) ARTH 1600 GD recommend. (F, S, Su)
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)
	CET 4150 (3) Highway Engineering and Surveying (S)
Spring: 15 Credits	CET 3190 (3) Fluid Mechanics II for Civil Engineering Tech. (S)
	CET 3170 (3) Introduction to Structural Analysis (S)
	EET 2350 (3) Advance Technical Programming (F, S)
	Approved (by CET advisor) Technical Elective (3)
	History (3) MC recommended (F, S, Su)

Second Year	
Fall: 18 Credits	CET 2100 (3) Structural Drawing (F) OR ARCH 2003 (3) Building Structures
	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: 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
	Social & Behavioral Science I (3)
	PHI 1030 (3) Introduction to Ethics OR PHI 3360 (3) Bussiness Ethics