



METROPOLITAN STATE UNIVERSITYSM
OF DENVER
College of Professional Studies

Civil Engineering Technology, B.S. - Construction Concentration

Minor (not required)

Fall 2018 Catalog Year

First Year	
Fall: 16 Credits	CAS 1010 (3) Public Speaking
	CET 1100 (3) Introduction to Civil Engineering Technology (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)
	MTH 2410 (4) Calculus II
	PHY 2311 (4) General Physics I AND
	PHY 2321 (1) General Physics Lab I
	Written Communication (3)

Third Year	
Fall: 15 Credits	CET 3120 (3) Engineering Economy
	CET 3185 (3) Fluid Mech I for Civil Engineering Technology
	MET 3110 (3) Thermodynamics
	EET 2350 (3) Advanced Technical Programming
	CET 3100 (3) Construction Methods (F)
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
	CET 3330 (3) Environmental Tech Programming
	Arts & Humanities (3) ARTH 1600 recommended

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
	COM 2610 (3) Introduction to Technical Writing
Spring: 15 Credits	CET 3135 (4) Mechanics of Materials with Laboratory (F, S)
	MET 3160 (3) Mechanics II Dynamics (F, S)
	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 (F, Su)
	CET 4120 (3) Concrete Design I (F)
	CET 4400 (3) Steel Design I (F)
	CET 4130 (4) Soil Mechanics (F)
	CET 3110 (3) Construction Estimating (F)
	Social & Behavioral Sciences I (3)
Spring: 17 Credits	CET 4450 (3) Timber Design (S)
	CET 4110 (2) Senior Project II (S, Su)
	CET 4135 (3) Foundation and Geotechnical Engineering (S)
	PHI 3360 (3) Business Ethics OR
	PHI 1030 (3) Introduction to Ethics
	CET 4570 (3) Engineering Law (F, S, Su)
Approved Technical Elective (3)*	

*Please consult a CET advisor