



**METROPOLITAN STATE UNIVERSITY<sup>SM</sup>**  
**OF DENVER**  
**College of Professional Studies**

Civil Engineering Technology, B.S. - Structures 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 <b>(F, S, Su) OR</b>	
	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 <b>(F, S, Su)</b>	
	MTH 2410 (4) Calculus II	
	PHY 2311 (4) General Physics I <b>AND</b>	
	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) Advance Technical Programming <b>(F, S)</b>	
	PHI 3360 (3) Business Ethics <b>OR</b>	
	PHI 1030 (3) Introduction to Ethics	
Spring: 15 Credits	CET 3190 (3) Fluid Mechanics II for Civil Engineering Technology <b>(S)</b>	
	CET 3170 (3) Introduction to Structural Analysis <b>(S)</b>	
	CET 4150 (3) Highway Engineering and Surveying	
	CET 3330 (3) Environmental Tech Programming <b>(F, S)</b>	
	Arts & Humanities (3) ARTH 1600 GD recommended	

Second Year		
Fall: 18 Credits	ARCH 2003 (3) Building Structures	
	CET 2150 (3) Mechanics I - Statics <b>(F, S, Su)</b>	
	MTH 2420 (4) Calculus III	
	CHE 1100 (4) Principles of Chemistry <b>AND</b>	
	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 <b>(F, S)</b>	
	MET 3160 (3) Mechanics II Dynamics <b>(F, S)</b>	
	ECO 2020 (3) Principals of Microeconomics	
	PHY 2331 (4) General Physics II <b>AND</b>	
	PHY 2341 (1) General Physics II Laboratory	

Fourth Year		
Fall: 17 Credits	CET 4100 (1) Senior Project I <b>(F, Su)</b>	
	CET 4120 (3) Concrete Design I <b>(F)</b>	
	CET 4400 (3) Steel Design I <b>(F)</b>	
	CET 4130 (4) Soil Mechanics <b>(F)</b>	
	CET 4570 (3) Engineering Law <b>(F, S, Su)</b>	
	Social & Behavioral Sciences I (3)	
Spring: 17 Credits	CET 4450 (3) Timber Design <b>(S)</b>	
	CET 4110 (2) Senior Project II <b>(S, Su)</b>	
	CET 4135 (3) Foundation and Geotechnical Engineering <b>(S)</b>	
	CET 4140 (3) Concrete Design II <b>(S)</b>	
	CET 4410 (3) Steel Design II <b>(S)</b>	
	Approved Technical Elective (3)*	

\*Please consult a CET advisor