



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

Civil Engineering Technology, B.S. - Construction Concentration

Minor (not required)

Fall 2015 catalog year

First Year	
Fall: 16 Credits	CET 1100 (3) Intro to Civil Engineering Technology <b>(F, S, Su)</b> <b>OR</b> CET 1040 (3) Introduction to Engineering MTH 1410 (4) Calculus I <b>(F, S, Su)</b> ENG 1010 (3) Composing Arguments <b>(F, S, Su)</b> SPE 1010 (3) Public Speaking <b>(F, S, Su)</b> Arts and Humanities (3) <b>(F, S, Su)</b> ARTH 1600 GD recomm.
Spring: 15 Credits	CET 1215 (3) Engineering Graphics <b>(F, S, Su)</b> MTH 2410 (4) Calculus II <b>(F, S, Su)</b> ENG 1020 (3) Freshman Comp: Anly, Rsrch, & Doc. <b>(F, S, Su)</b> CHE 1100 (4) Principles of Chemistry <b>AND</b> CHE 1150 (1) Principles of Chemistry Laboratory <b>(F, S, Su)</b>

Third Year	
Fall: 15 Credits	CET 3185 (3) Fluid Mechanics I for Civil Engineering Technology <b>(F)</b> CET 3120 (3) Engineering Economy <b>(F)</b> CET 3330 (3) Environmental Technology Processes <b>(F)</b> MET 3110 (3) Thermodynamics <b>(F)</b> CET 4150 (3) Highway Engineering and Surveying <b>(S)</b>
Spring: 15 Credits	CET 3190 (3) Fluid Mechanics II for Civil Engineer. Tech. <b>(S)</b> CET 3170 (3) Introduction to Structural Analysis <b>(S)</b> EET 2350 (3) Advanced Technical Programming <b>(F, S)</b>  CET 3100 (3) Construction Methods <b>(S)</b> Historical (3) MC recommended
Summer: 3 credits	Approved (by CET advisor) Technical Elective (3)

Second Year	
Fall: 18 Credits	CET 2100 (3) Structural Drawing <b>(F)</b> <b>OR</b> ARCH 2003 (3) Building Structures CET 2150 (3) Mechanics I - Statics <b>(F, S, Su)</b> COM 2610 (3) Introduction to Technical Writing <b>(F, S, Su)</b> MTH 2420 (4) Calculus III <b>(F, S, Su)</b> PHY 2311 (4) General Physics I <b>AND</b> PHY 2321 (1) General Physics Laboratory I <b>(F, S, Su)</b>
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> PHY 2331 (4) General Physics II <b>AND</b> PHY 2341 (1) General Physics II Laboratory <b>(F, S, Su)</b>  ECO 2020 (3) Principals of Microeconomics <b>(F, S, Su)</b>

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