

| SUNY Canton Civil Engineering Technology AAS 517 | | | Fall 2022 | | |
|--|---|--|-----------|------|-------|
| Department Chair: Adrienne Rygel Advisors: Robert Burnett, Adrienne Rygel, Aksel Seitllari | | | | | |
| 1 st Semester | | | Credit | Term | Grade |
| ENGS 101 | Introduction to Engineering | | 2 | | |
| SOET 116 | Intro to Computer Aided Dr+D | | 2 | | |
| CONS 101 | Elementary Surveying | | 4 | | |
| MATH 123 | Pre-Calculus ¹ | | 4 | | |
| PHYS 121/131 | College Physics I or University Physics I | | 3 | | |
| PHY 125/135 | College Physics I Lab or University Physics I Lab | | 1 | | |
| | | | 16 | | |
| 2 nd Semester | | | | | |
| CONS 172 | Technical Statics | | 3 | | |
| ENGL 101 | Composition and the Spoken Word | | 3 | | |
| SOET 250 | Intro to 3D CADD and BIM | | 3 | | |
| MATH 161 | Calculus I ¹ | | 4 | | |
| PHYS 122/132 | College Physics II or University Physics II | | 3 | | |
| PHYS 126/136 | College Physics II Lab or University Physics II Lab | | 1 | | |
| | | | 17 | | |
| 3 rd Semester | | | | | |
| CONS 203 | Advanced Surveying | | 3 | | |
| CONS 272 | Strength of Materials for Tech | | 3 | | |
| CONS 280 | Civil Engineering Materials | | 3 | | |
| CONS 275 | Strength of Materials Lab | | 1 | | |
| CONS 222 | Construction Estimating | | 2 | | |
| | Social Science GER (3,4,5, or 6) | | 3 | | |
| | | | 15 | | |
| 4 th Semester | | | | | |
| CONS 375 | Structural Engineering Design | | 3 | | |
| CONS 216 | Soils in Construction ² | | 4 | | |
| CONS 322 | Hydraulics | | 4 | | |
| CONS 274 | Construction Management | | 3 | | |
| | Humanities GER (7,8, or 9) | | 3 | | |
| | | | 17 | | |
| Total Required Program Credits | | | 64 | | |

Graduation Requirements: Total Semester Credit Hours – 64

Minimum G.P.A. 2.0

Student _____

Certified for Graduation: Yes No

ID # _____

Certified by: _____

Class of _____ G.P.A. 1 _____ 2 _____ 3 _____ 4 _____ Total G.P.A. _____ Total Earned Credits _____

¹ Math: If entering at MATH 161 they will complete MATH 161 and MATH 162.