

SUNY Canton Civil Engineering Technology AAS (517)		Fall 2024
1st Semester		Credit
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
2nd Semester		16
ENGS 201	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
3rd Semester		17
CONS 203	Advanced Surveying	3
ENGS 203	Strength of Materials	3
CONS 280	Civil Engineering Materials	3
CONS 275	Strength of Materials Lab	1
CONS 222	Construction Estimating	2
	Diversity GER (3)	3
4th Semester		15
	Technical Program Elective ³	3
CONS 216	Soils in Construction ²	4
CONS 322	Hydraulics	4
CONS 274	Construction Management	3
	GenEd Elective (GER 6, 7, 8, 9, 10, 11)	3
		17
Total Required Program Credits		64

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

2: Writing Intensive

3: Must be approved technical program elective with CONS or CIVL course designator, or approved by advisor/department chair.