

SUNY Canton Civil Engineering Technology AAS 517			Fall 2025	
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		
ENGL 101	Composition and the Spoken Word	3		
		15		
2 nd Semester				
CONS 203	Advanced Surveying	3		
SOET 250	Intro to 3D CADD and BIM	2		
PHYS 121/131	College Physics I or University Physics I	3		
PHY 125/135	College Physics I Lab or University Physics I Lab	1		
MATH 161	Calculus I ¹	4		
	GenEd Elective (GER 6, 7, 8, 9, 10, 11)	3		
		16		
3 rd Semester				
ENGS 201	Statics	3		
CONS 280	Civil Engineering Materials	3		
CONS 222	Construction Estimating	2		
PHYS 122/132	College Physics II or University Physics II	3		
PHYS 126/136	College Physics II Lab or University Physics II Lab	1		
	Diversity GER (3)	3		
		15		
4 th Semester				
CONS 216	Soils in Construction ²	4		
ENGS 203	Strength of Materials	3		
CONS 275	Strength of Materials Lab	1		
CONS 322	Hydraulics	4		
CONS 274	Construction Management	3		
	Technical Program Elective ³	3		
		18		
Total Required Program Credits		64		

Graduation Requirements: Total Semester Credit Hours – 64 Minimum G.P.A. 2.0

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.