Civil Engineering Technology

Civil Engineering Technology Suggested Course Sequences

The following is the suggested plan for when to take each course to complete the Associate in Applied Science degree, based on the program requirements of the 2024-2025 catalog. This is only a recommendation — you may take courses in another order upon consultation with your advisor. This plan is based on you starting with college-level math and English courses, starting your program in the fall, and attending full-time. You can also follow this sequence if you attend part-time. Speak with your academic advisor about the plan and any questions. This program might also offer diplomas or certificates; visit the catalog or contact the program for details. Visit the Academic Advising page for instructions on locating your assigned advisor: https://www.cpcc.edu/academics/academic-advising

- Civil Engineering Technology (A40140) Suggested Course Sequence (p. 1)
- Civil Engineering Technology - Geomatics (A40140G) Suggested Course Sequence (p. 1)

Civil Engineering Technology (A40140) Suggested Course Sequence

Term I		**Credits**
ENG 111	Writing and Inquiry	3.0
MAT 171	Precalculus Algebra	4.0
CEG 111	Introduction to GIS and GNSS	4.0
CEG 115	Introduction to Tech & Sustainability	3.0
CEG 151	CAD for Engineering Technology	3.0
ACA 122	College Transfer Success	1.0
	Credits	**18**
Term II		
ENG 112	Writing and Research in the Disciplines	3.0
MAT 172	Precalculus Trigonometry	4.0
PHY 151	College Physics I	4.0
CEG 211	Hydrology & Erosion Control	3.0
SRV 110	Surveying I	4.0
	Credits	**18**
Term III		
MAT 271	Calculus I	4.0
	Credits	**4**
Term IV		
CEG 210	Construction Materials & Methods	3.0
CEG 235	Project Management and Estimating	3.0
DFT 152	CAD II	3.0
EGR 251	Statics	3.0
SRV 111	Surveying II	4.0
	Credits	**16**
Term V		
Behavioral/Social Science		3.0
Humanities/Fine Arts		3.0
CEG 212	Introduction to Environmental Technology	3.0
CIV 111	Soils and Foundations	4.0
EGR 252	Strength of Materials	3.0
	Credits	**16**
	Total Credits	**72**

Civil Engineering Technology - Geomatics (A40140G) Suggested Course Sequence

Term I		**Credits**
ENG 111	Writing and Inquiry	3.0
MAT 171	Precalculus Algebra	4.0
CEG 151	CAD for Engineering Technology	3.0
CEG 115	Introduction to Tech & Sustainability	3.0
CEG 111	Introduction to GIS and GNSS	4.0
	Credits	**17**
Term II		
ACA 122	College Transfer Success	1.0
CEG 210	Construction Materials & Methods	3.0
CIV 111	Soils and Foundations	4.0
CEG 211	Hydrology & Erosion Control	3.0
SRV 110	Surveying I	4.0
	Credits	**15**
Term III		
Humanities/Fine Arts		3.0
	Credits	**3**
Term IV		
ENG 112	Writing and Research in the Disciplines	3.0
CEG 212	Introduction to Environmental Technology	3.0
SRV 111	Surveying II	4.0
SRV 210	Surveying III	4.0
	Credits	**14**
Term V		
ECO 251	Principles of Microeconomics	3.0
CEG 235	Project Management and Estimating	3.0
EGR 251	Statics	3.0
SRV 220	Surveying Law	3.0
SRV 240	Topo/Site Surveying	4.0
	Credits	**16**
	Total Credits	**65**