

Part-time Program Delivery Schedule
Civil Engineering Technician (CVET)
Ontario College Diploma
Fall 2024 – Winter 2028



Graduation Requirements: 21 program courses, 2 communications courses, 3 general education courses, 1 co-op work term

Recommended Course Sequence				
Semester	Course Code	Course Name	Term	Hours
YEAR 1				
Sem 1	CIVL1002	Physics for Civil Engineering <i>(concurrent requisite: MATH1046)</i>	Fall 2024	42
Sem 1	MATH1046	Extended Math for Construction	Fall 2024	56
Sem 2	CIVL1001	Quantity Estimation and Drawing Review	Winter 2025	42
Sem 2	CONS1004	Material Testing for Civil Engineering	Winter 2025	42
Sem 2	CONS2003	Construction Practices and Design: Municipal and Provincial Codes and Standards	Winter 2025	42
Sem 1	COMM1XXX	<u>Communications Course</u> (online options)	Summer 2025	42
Sem 2	GNEC	<u>General Education Course</u> (online options)	Summer 2025	42
YEAR 2				
Sem 1	COMP1119	Introduction to 2D CAD for Civil Engineering	Fall 2025	56
Sem 1	CONS1003	Construction Practices	Fall 2025	42
Sem 1	SURV1001	Civil / Construction Surveying	Fall 2025	42
Sem 1	CPHR**	Co-op Prep	Fall 2025	14
Sem 2	COMP1057	2D CAD / Civil Construction <i>(pre-requisite: COMP1119)</i>	Winter 2026	42
Sem 2	SURV1003	Civil/Construction Surveying 2 <i>(pre-requisite: SURV1001)</i>	Winter 2026	21
Sem 2	MENG1022	Statics <i>(pre-requisite: MATH1046)</i>	Winter 2026	56
Sem 2	COMM2XXX	<u>Communications Course (2000s level)</u> (online options)	Summer 2026	42
Sem 3	GNEC	<u>General Education Course</u> (online options)	Summer 2026	42
	COOP1028	Civil Engineering Work Term 1	Summer 2026	560
YEAR 3				
Sem 3	MENG2007	Strength of Materials <i>(pre-requisite: MENG1022)</i>	Fall 2026	42
Sem 3	COMP2147	Introduction to 3D CAD Drafting <i>(pre-requisite: COMP1057)</i>	Fall 2026	56
Sem 4	SURV2003	Introduction to GIS and Geospatial Technology	Winter 2027	42
Sem 4	CIVL2001	Geotechnical Analysis and Geosynthetics <i>(pre-requisite: CONS1004)</i>	Winter 2027	42
Sem 4	CONS2001	Building and Bridge Systems	Winter 2027	42

recommended course schedule continued on next page

YEAR 3 continued					
Sem 4	GNED	<u>General Education Course</u>	(online options)	Summer 2027	42
YEAR 4					
Sem 3	MGMT2002	Project Management (offered in-class Fall semester) <i>(ONLINE course equivalent: MGMT2027 Introduction to Project Management (ODE))</i>		Fall 2027	42
Sem 3	CONS2000	Construction Materials and Methods		Fall 2027	42
Sem 4	CIVL2003	Site Development and Stormwater Management <i>(pre-requisites: COMP1119 and CIVL1001)</i>		Winter 2028	56
Sem 4	CONS2004	Construction Practices: Highways		Winter 2028	42

Online Equivalents

Program Outline In-class course	Online Equivalent
MGMT2002 Project Management	MGMT2027 Introduction to Project Management (ODE)
General Education courses	See listing: <u>General Education Course</u>
Communications courses	See listing: <u>Communications Course</u>

Completion timeline

Following the recommended sequencing of courses: 4 years including co-op term:

Fall start (11 semesters)

Fall – Winter – Summer – Fall – Winter – Co-op (Summer) – Fall – Winter – Summer – Fall – Winter

Questions?

Civil Engineering Technician
Program Coordinator
Mary Spencer
Mary.spencer@georgiancollege.ca

Part-time Studies Manager
Jenny Wilcox
Jenny.Wilcox@georgiancollege.ca