

Part-time Program Delivery Schedule
Civil Engineering Technician (CVET)
Ontario College Diploma
Fall 2023 – Winter 2027



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	COMP1056	Civil Engineering Graphics	Fall 2023	42
Sem 1	MATH1028	Mathematics for Constructions	Fall 2023	42
Sem 2	COMP1057	CAD / Civil Construction <i>(pre-requisite: COMP1056)</i>	Winter 2024	42
Sem 2	CIVL1001	Quantity Estimation and Drawing Review	Winter 2024	42
Sem 1	COMM	<u>Communications Course</u> (online options)	Summer 2024	42
Sem 2	GNEED	<u>General Education Course</u> (online options)	Summer 2024	42
YEAR 2				
Sem 1	CONS1003	Construction Practices	Fall 2024	42
Sem 1	CIVL1002	Physics for Civil Engineering	Fall 2024	42
Sem 1	SURV1001	Civil / Construction Surveying	Fall 2024	42
Sem 1	CPHR**	Co-op Prep (GC online)	Fall 2024	14
Sem 2	CONS1004	Construction Practices and Design: Material Testing	Winter 2025	42
Sem 2	SURV1003	Civil/Construction Surveying 2 <i>(pre-requisite: SURV1001)</i>	Winter 2025	21
Sem 2	MENG2003	Statics <i>(pre-requisite: MATH1018 or MATH1028)</i>	Winter 2025	42
Sem 2	COMM	<u>Communications Course</u> (online options)	Summer 2025	42
Sem 3	GNEED	<u>General Education Course</u> (online options)	Summer 2025	42
	COOP1028	Civil Engineering Work Term 1	Summer 2025	560
YEAR 3				
Sem 3	MENG2007	Strength of Materials <i>(pre-requisite: MENG2003)</i>	Fall 2025	42
Sem 3	SURV2003	Introduction to GIS and Geospatial Technology	Fall 2025	42
Sem 4	CIVL2001	Geotechnical Analysis and Geosynthetics <i>(pre-requisite: CONS1004)</i>	Winter 2026	42
Sem 4	COMP2124	Introduction to 3D Drafting <i>(pre-requisite: COMP1057)</i>	Winter 2026	42
Sem 4	CONS2001	Construction Practices: Building Systems	Winter 2026	42

YEAR 3 continued				
Sem 4	GNED	<u>General Education Course</u> (online options)	Summer 2026	42
Sem 3	MGMT2027	ONLINE: Introduction to Project Management (ODE)	Summer 2026	42
	MGMT2002	OR Project Management (offered in-class Fall semester)	Fall 2026	
YEAR 4				
Sem 3	CONS2000	Construction Practices: Methods	Fall 2026	42
Sem 3	CONS2003	Construction Practices and Design: Municipal and Provincial Codes and Standards	Fall 2026	42
Sem 4	CIVL2002	Stormwater Management / Best Management Practices <i>(pre-requisite: COMP1056)</i> <i>(concurrent requisites: CONS2008 and (CIVL1001 or CIVL1000))</i>	Winter 2027	21
Sem 4	CONS2008	Site Development <i>(pre-requisite: COMP1056)</i> <i>(concurrent requisites: CIVL2002 and (CIVL1001 or CIVL1000))</i>	Winter 2027	42
Sem 4	CONS2004	Construction Practices: Highways	Winter 2027	42

Online Equivalents

Program Outline In-class course	Online Equivalent
MATH1028 Mathematics for Constructions	MATH1027 Technical Math (ODE)
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?

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