

# CONSTRUCTION STUDIES

**Program:** CONS  
**Credential:** Certificate  
**Delivery:** Part-time  
**Duration:** 252 Hours  
**Effective:** Fall 2023  
**Location:** Barrie

## Description

The Construction certificate program is targeted toward entry level positions in the construction industry. It allows a student to acquire knowledge and training in key skills such as reading engineering drawings, understanding engineering standards and practices as used in the heavy construction industry.

## Career Opportunities

Graduates may enhance their eligibility for a variety of positions in a broad range of employment settings in all sectors of construction. This six course certificate equips graduates with the basic skills they need to improve their knowledge of the construction industry and equip them to develop their potential to be lead hands or front line supervisors on projects including roads, bridges, sewers, water mains and other infrastructure. Credits may be used towards a post secondary diploma.

## Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

1. collect and appropriately apply civil engineering data from existing graphics, reports, and other documents;
2. contribute to designing, planning, inspecting and constructing civil engineering projects;
3. contribute to the evaluation of equipment, materials, and methods employed in the implementation and completion of civil engineering projects;
4. develop and use personal and professional strategies and plans to enhance professional growth and competence;
5. work in compliance with the theory and the accepted principles and practices of the civil engineering and construction industries and in accordance with applicable acts, regulations and legislations.

## Admission Requirements

OSSD or equivalent with

- Grade 12 English (C or U)
- Grade 12 Mathematics (C or U)

Mature students, non-secondary school applicants (19 years or older), and home school applicants may also be considered for admission. Eligibility may be met by applicants who have taken equivalent courses, upgrading, completed their GED, and equivalency testing. For complete details refer to: [www.georgiancollege.ca/admissions/academic-regulations/](http://www.georgiancollege.ca/admissions/academic-regulations/) (<https://www.georgiancollege.ca/admissions/academic-regulations/>)

Applicants who have taken courses from a recognized and accredited post-secondary institution and/or have relevant life/learning experience

may also be considered for admission; refer to the Credit for Prior Learning website for details:

[www.georgiancollege.ca/admissions/credit-transfer/](http://www.georgiancollege.ca/admissions/credit-transfer/) (<https://www.georgiancollege.ca/admissions/credit-transfer/>)

## Graduation Requirements

6 Program Courses

### Graduation Eligibility

The passing weighted average to graduate is 60%. Additionally, a student must attain a minimum of 50% or a letter grade of P (Pass) or S (Satisfactory) in each course.

### Program Tracking

Program Courses	Hours	
CIVL 1000	Quantity Surveying: Construction Plans and Measurements	42
CIVL 2000	Engineering Standards and Practices	42
COMP 1056	Civil Engineering Graphics	42
CONS 1003	Construction Practices	42
CONS 1004	Construction Practices and Design: Material Testing	42
ENVR 1000	Environmental Science and Sustainability	42
<b>Hours</b>		<b>252</b>
<b>Total Hours</b>		<b>252</b>

## Graduation Window

Students registered in part-time studies programs must maintain continuous registration in order to complete the program according to the curriculum in place at the time they were admitted. Students who do not remain continuously registered must be readmitted to the program and follow the new curriculum.

**Disclaimer:** *The information in this document is correct at the time of publication. Academic content of programs and courses is revised on an ongoing basis to ensure relevance to changing educational objectives and employment market needs.*

*Program outlines may be subject to change in response to emerging situations, in order to facilitate student achievement of the learning outcomes required for graduation. Components such as courses, progression, coop work terms, placements, internships and other requirements may be delivered differently than published.*