



Civil Engineering Technology Diploma

Program Overview

Civil Engineering Technology involves the planning, design and construction of roads, bridges, subdivisions, buildings, municipal services, and heavy infrastructure. Technologists are an essential member of the engineering team who split their time between office and field work, and, when on-site, may work in urban, rural, and remote settings.

In this two-year diploma program, you will spend an average of 31 hours per week in class and labs learning relevant theoretical and practical knowledge to support your work within the broad field of Civil Engineering. Courses in this program will be delivered with components of classroom instruction, computer-aided design and modelling, field surveying, and experimental laboratory testing.

You will develop an understanding of the engineering principles used to perform structural, hydraulic, municipal, transportation, and construction materials design. Effective technical communication and project management skills will be emphasized throughout the program. As well, you will explore the effects of northern, rural, and remote environments on Civil Engineering projects, with consideration of Indigenous perspectives.

Civil Engineering Technology graduates will be qualified for careers in government departments, consulting firms, and construction companies, in positions such as:

- Designers
- Estimators
- Testers
- Surveyors
- Inspectors
- Supervisors
- Technical Writers
- Project Managers

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Why study at CNC?

Admission Requirements

- 1 High school graduation, or the equivalent of BC Grade 12 with English 12 minimum "C" grade
- 2 Successful completion of the following:
 - Chemistry 12
 - Math 12
 - Physics 12

Applicants whose first language is not English, regardless of citizenship or country of origin, must provide proof of English language proficiency prior to admission. In addition to having English 12 (or equivalent), accepted evidence of English language proficiency may be any one of the following:

- IELTS (International English Language Testing System) Academic score of at least 7.0 overall no band less than 6.0, within the previous 2 years.
- TOEFL iBT (Test of English as a Foreign Language) score of at least 88 with no section below 20, within the previous 2 years.
- Successful completion (minimum "C" grade) of six credits of post-secondary English studies at a recognized institution where English is an official language of instruction.

Other standardized English examinations at a comparable level of proficiency will be considered on a case-by-case basis. If upon arrival, it is determined that an applicant does not have the necessary language skills to succeed in the program, they will be required to upgrade their English Language proficiency skills or will be asked to withdraw.

It is highly recommended that required admissions courses be completed within the past five years. If more than five years has elapsed, upgrading the required subjects is suggested.

- Accredited College
- World Class Education
- Affordable Tuition
- Individualized Support
- Quality Academic Advising
- Access to Student Service Tools and Services
- Diverse Student Population
- Transferable Credit to Universities Across Canada
- Northern Canadian Experience
- Great Student Activities

To apply or enquire about admission requirements, visit cnc.bc.ca/ined or e-mail intladmit@cnc.bc.ca



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