Civil Engineering Technology
Territorial Acknowledgement

Camosun College is located in beautiful Victoria, British Columbia with campuses on the Traditional Territories of the Lekwungen and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here.
Camosun College

- Camosun College is B.C.’s largest public college
- 19,000+ students
- 1,200+ faculty and staff
- Programs range from arts and business to tech and trades to university transfer and continuing education
- Credentials include dual credits, certificates, diplomas, degrees, post-degree diplomas
The health and wellbeing of students and staff remains the priority of Camosun College.

The college’s COVID-19 Response Coordination Team is monitoring the situation and ensuring measures are in place to keep the college community safe.

We’re ready for you. The college is planning for a mix in the delivery of courses following guidelines from the Provincial Health Officer, WorkSafe BC and the B.C. Government.

COVID-19 information and frequent updates are available at: Camosun.ca/COVID19
Civil Engineering Technology

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We design our programs with your future in mind.

You will find flexible learning options.

We will equip you with the practical skills most in demand.

You can earn a certificate in eight months, a diploma in two years, and a bridge to UBC or Uvic in three years.
Civil Engineering

Civil Engineering Department

Programs Offered:

- Civil Engineering Access
- Civil Engineering Technology
- Civil Engineering Bridge to UBC (Vancouver or Kelowna); bridge to UVic in development
Education Options – Overview

High School / Upgrading

Access Program (4 or 8 months)

Technician Program (8 - 12 months)

To Second Year

Technology Program (year 1) Technology Program (year 2)

Engineering Bridge (8 months)

University (2 years)

Technician

Technologist

Work Force

Engineer In Training
Technology Access

Admission Requirements: A minimum grade of;

- B in Math 10, and
- C in English

Outcome:

- Certificate in Technology Access
- Guaranteed acceptance into corresponding Technology Program

Engineering Technology Access (Civil, Mechanical, Electronics)

- Duration: 8 months
- Note: Pre-requisite courses are also at Lansdowne
Technology Programs

Duration:
- 2- 2 1/2 years
- 3 years with work terms

Outcome:
- Job Ready
- Technology Diploma
- Eligible for Bridge

Programs Available
- Civil Engineering Technology
- Electrical Engineering Technology – Marine & Industrial
- Electronics & Computer Engineering Technology – Renewable Energy
- Information and Computer Systems
- Interactive Media Developer
- Mechanical Engineering Technology
Civil Engineering Technology

- C in English 12, English First Peoples 12
- C+ in Pre-Calculus 12 or Principles of Math 12 (or a C in both)
  C in Physics 12
- C in Chemistry 11
- Or successful completion of related Access program
Admission Requirements:
- Successful completion of a related technology diploma
- An average of B or higher (GPA of 5 out of 9 points)
- Acceptance is academically based

Duration: 8 months

Outcome:
- Transfer to 3rd year of Engineering at UBC or UBC Okanagan
- Advanced Diploma in Engineering Bridge

Programs Available
- Civil Engineering
- Electrical and Computer Engineering
- Mechanical Engineering
What is Civil Engineering?

The planning, design, construction and maintenance of works such as: roads, highways, sewer mains, water mains, bridges, buildings, sewage and water treatment facilities, and storm and drainage works.
Civil Engineering

- Structural/Earthquake Engineering
  - Buildings
    - Timber design
    - Steel design
    - Concrete design
  - Bridges
  - Retaining walls

What is Civil Engineering?
Civil Engineering

- Municipal Engineering
  - New Subdivisions
    - Residential
    - Commercial / Municipal
  - Redevelopment
    - Urban renewal
    - Site Redevelopment
- Infrastructure Rehabilitation
  - Infrastructure Management
  - Repair and Replacement
Civil Engineering

- **Environmental Engineering and Sustainability**
  - Minimizing impact of development
    - Storm water runoff/flood control
    - Contaminants
  - Drinking water
    - Storage/distribution
    - Treatment
  - Waste water
    - Collection/treatment
  - Solid waste (garbage)
    - Collection/disposal
Civil Engineering

- Surveying and GIS
  - Locating existing topographic features and structures
  - Uploading data and creating mapping
  - Layout for new construction
Civil Engineering

Career Choices

- **Government**
  - Municipal
  - Provincial
  - Federal
  - Crown corporations
- **Construction**
  - Project management
  - Site supervision
  - Estimating
- **Consulting companies**
  - Design
Program Name(s)

For a complete program list go to:

camosun.ca/learn/school/business/programs.html

*Click on:*

1. ‘What You’ll Learn’ for a list of required courses
2. ‘What it Costs’ to view tuition fees
3. ‘Admission Requirements’ to see what courses or credentials are required to enter the program.
Student Services at Camosun

Admissions & Recruitment
The right start at Camosun

Academic Advising
Guiding you on your educational journey

Fitness & Recreation
Make time for your well-being

The Writing Centres
How can we help?

Academic Upgrading
Whatever your need, we have an option for you

Financial Aid & Awards
Funding your education

Centre for Accessible Learning
Supporting your learning experience

Indigenous Student Support
Find your way and feel like you belong – with our help

Counselling Centre
Supporting you through life’s challenges

CAMOSUN COLLEGE STUDENT SOCIETY
STANDING UP FOR STUDENT RIGHTS SINCE 1990

Child Care Services
Programs for Infants, Toddlers & Preschoolers
Thank you

FOR MORE INFORMATION:

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Electronics and Computer Engineering: duncana@camosun.ca
Mechanical Engineering: lyle@camosun.ca