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
COVID-19

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 Department

Zoe Broom
Chair Civil Engineering
Phone 250-370-4512
Email civil@camosun.ca

Bai Bao-Qin
Instructor, Civil Engineering Technology
B.Sc., M.Sc., PhD, ID, P.Eng

Peter Burrage
Instructor, Civil Engineering Technology

Peter Fell
Instructor, Civil Engineering Technology

Robin Ley
Instructor, Civil Engineering Technology

Barb Wolfe
Lab Tech, Civil Engineering Technology

Missing
Steve Cowden
Instructor, Civil Engineering Technology

Ross Gibbs
Instructor, Civil Engineering Technology

Perry Peterson
Instructor, Civil Engineering Technology
Civil Engineering at Camosun

Programs Offered:

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

- **Access Program** (8 months)
- **Engineering Bridge** (8 months)
- **Technology Program** (2 years)
- **University** (2 years)
- **Work Force**
- **Technologist**
- **Engineer in Training**
Civil Access

Admission Requirements: A minimum grade of:
- B in Math 10, and
- C in English
- Note: Pre-requisite courses are also at Lansdowne

Duration
- 8 months

Outcome:
- Certificate in Civil Engineering Technology Access
- Guaranteed acceptance into Civil Technology Program
Civil Technology

Admission Requirements:
- 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 Civil Access program

Duration:
- 2 years (4 semesters)
- 3 years with coop work terms
- Can take 6 semesters if you wish

Outcome:
- Diploma in Civil Engineering Technology
- Eligible to apply for Civil Bridge to UBC
Civil Engineering Bridge to UBC

Admission Requirements:

- Successful completion of an accredited Civil Technology diploma at a college in Canada
- Minimum average of B or higher (GPA of 5 out of 9 points)
- Acceptance competitive based on Technology program GPA

Duration:

- 8 months
Civil Engineering

The Planning, Design, Construction, Repair of:

- Bridges, buildings and other structures
- Water supply and treatment systems
- Sewage treatment and disposal
- Underground piping such as watermains, sewer mains
- Roads and highways
- Specialty fields:
  - Airports
  - Dams
  - Railroads
  - Breakwaters and marinas
Civil Engineering
Intro courses

- Math
- Chemistry
- Statics and strength of materials
- AutoCAD
- Surveying
- Sustainability project
Civil Engineering program at Camosun

- Structural/Earthquake Engineering
  - Buildings
    - Timber design
    - Steel design
    - Concrete design
  - Retaining walls
  - Specialized software:
    - RISA
    - Revit
    - S-Frame
Civil Engineering program at Camosun

- **Municipal Engineering**
  - New Subdivisions
    - Residential
    - Commercial / Municipal
  - Redevelopment
    - Urban renewal
    - Site Redevelopment
  - **Infrastructure Rehabilitation**
    - Infrastructure Management
    - Repair and Replacement
  - **Specialized software:**
    - AutoDesk Civil 3D, ESRI GIS
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
Capstone Projects
Civil Engineering

Career Choices

- Government
  - Municipal
  - Provincial
  - Federal
  - Crown corporations

- Construction
  - Project management
  - Site supervision
  - Estimating

- Consulting companies
  - Design
Civil Engineering Technology

For complete program info go to:
http://camosun.ca/learn/programs/civil-engineering-technology/

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

The Writing Centres
How can we help?

Centre for Accessible Learning
Supporting your learning experience

Academic Advising
Guiding you on your educational journey

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

Fitness & Recreation
Make time for your well-being

Financial Aid & Awards
Funding your education

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

CAMOSUN
Thank you

FOR MORE INFORMATION:

zbroom@camosun.ca