Electrical Engineering Technology
- Marine & Industrial
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.
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
Electronics and Computer Engineering Department

- Electrical Engineering Technology - Marine & Industrial

Prepares graduates for employment in the Marine Sector and in the general Industrial Electrical field.

Learn leading-edge topics with applied learning to enable you to design Electrical Engineering systems. This program is designed to prepare you for direct entry in the marine or industrial electrical sectors, or you can choose to further your education in engineering at UVIC.
Electronics and Computer Engineering Department

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 11
- Or successful completion of related Access program
This program shares the first year with students in the Electronics and Computer Engineering Technology - Renewable energy program. All students will study the following fundamental topics:

- Math, Physics and English
- Circuit analysis
- Digital fundamentals
- C programming
- Analog electronics fundamentals
- Microcontroller systems
- Introduction to Renewable Energy systems
Electronics and Computer Engineering Department

- **Electrical Engineering Technology - Marine & Industrial**

- **Design Topics include:**
  - Electrical Machines
  - Power Distribution
  - Marine systems
  - PLC’s
  - Speed drives
  - RF communications
Students will learn how to use AutoCAD Electrical. An essential skill in this industry.
Students will learn how to design and drive Electrical Machines.
Students will learn how to design electrical installation in buildings including lighting.
Students will use PLC’s to design Industrial control systems
Electronics and Computer Engineering Department

- Electrical Engineering Technology - Marine & Industrial

Some potential Employers of grads from this program

We will be apply to TAC for accreditation of this program at the earliest opportunity
Electronics and Computer Engineering Department

- All Programs Offered:
  - Computer and Engineering Technician Access
  - Electronics and Computer Engineering Access
  - Computer Network Electronics Technician
  - Electronics & Computer Engineering Technology – Renewable Energy
  - Electrical Engineering Technology – Marine & Industrial
  - Electrical Engineering Bridge
  - Computer Engineering Bridge
Technology Programs

For a complete program list go to:

http://camosun.ca/learn/school/trades-technology/technology-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.
4. ‘Apply online’ to apply
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

Child Care Services
Programs for Infants, Toddlers & Preschoolers
Thank you for taking the time to review this information.

FOR MORE INFORMATION:

Electronics and Computer Engineering Dept: duncana@camosun.ca
http://camosun.ca/learn/school/trades-technology/technology-programs.html