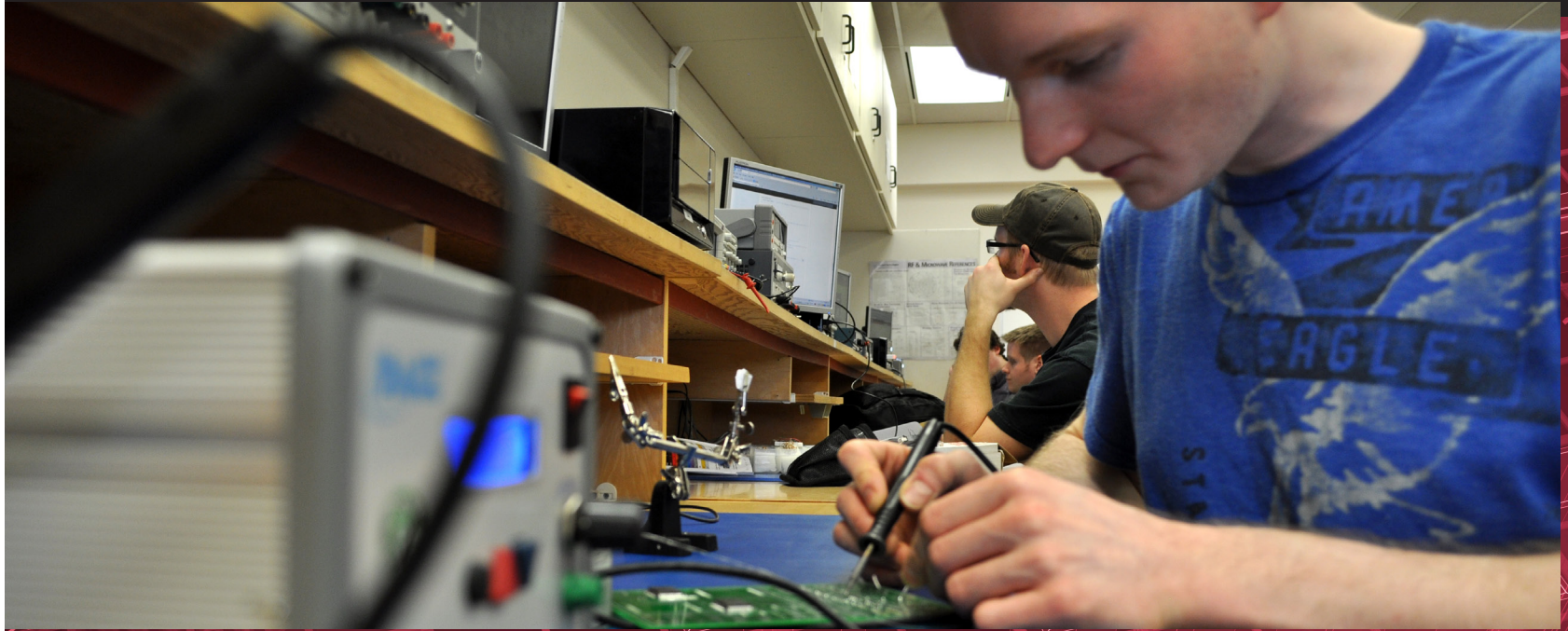


# ELECTRONICS ENGINEERING TECHNOLOGY

Diploma



## The Program

This two-year diploma program opens the door for an exciting career as an electronics technologist. Through this program students develop a solid background in areas such as analog and digital electronics, communications and control systems, microprocessors, computer programming and robotics.

Career Opportunities: Our graduates are in high demand and find employment across a broad range of areas, including wireless and satellite communications, hydro and renewable energy, power electronics, and embedded systems.

**National Accreditation:** The Electronics Engineering Technology program is nationally accredited by the Canadian Technology Accreditation Board (CTAB). While attending Okanagan College, students may register with the Applied Science Technologists and Technicians of British Columbia (ASTTBC). Graduates are eligible for registration as an Applied Science Technologist Trainee (AScT Trainee) after two years of related work experience under the supervision of an accredited AScT professional. The title "Applied Science Technologist (AScT)" and AScT (Trainee) are registered titles, protected under the Professional Governance Act of BC, as being recognized within the Regulated Practise of Applied Science Technology.

## What are the Benefits to Employers?

- An opportunity to evaluate employees without an obligation to permanent employment.
- A proven cost-effective method of meeting human resource needs.
- Co-op students and/or graduates are available on a year-round basis:  
January-April, May-August, September-December.
- Access to a pool of motivated, temporary employees for special projects, peak periods, vacation relief, coverage without costly advertising.

## How do you hire Okanagan College Co-op Students?

E-mail: [coop@okanagan.bc.ca](mailto:coop@okanagan.bc.ca)  
Website: [www.okanagan.bc.ca/coop](http://www.okanagan.bc.ca/coop)  
Fax: 250-862-5600

Okanagan College  
1000 KLO Road, Kelowna BC V1Y 4X8  
Phone: 250-862-5412

Co-op department staff are registered with Cooperative Education and Work Integrated Learning (CEWIL)



[www.okanagan.bc.ca/coop](http://www.okanagan.bc.ca/coop)

# ELECTRONICS ENGINEERING TECHNOLOGY

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## Recommended Co-op Schedule for the Electronic Engineering Technology Program

September - December	January – April	May - August
Academic Term 1	Academic Term 2	Extended Semester
Academic Term 3	Work Term 1	Work Term 2
Work Term 3	Academic Term 4	Graduates are available

Employers are encouraged to recruit during the four-month period prior to a work term(s) and/or graduation. Additional work terms can be incorporated at employer's or student's request.

**The Diploma in Electronic Engineering is a 24-course program.**

### Semester 1

Computer Fluency  
Programming and Interfacing  
Electrical Circuit Analysis I

Physics for Electronic Engineering Technology  
Technical Writing and Communications I  
Mathematics for Electronic Engineering Technology I

### Semester 2

Digital Electronics  
Electrical Circuits II  
Fabrication I

Electronic Devices and Circuits I  
Fundamentals of the Internet of Things  
Mathematics for Electronic Engineering Technology II  
Fabrication II

### Semester 3

Engineering Project Management  
Microcontroller Technology  
Fundamentals of Communication Systems

Electronic Devices and Circuits II  
Control Systems and Automation  
Mathematics for Electronic Engineering Technology III

### Semester 4

Embedded Systems  
Project and Report  
Analog Communication Systems

Digital Communication Systems  
Applications of the Industrial Internet of Things

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