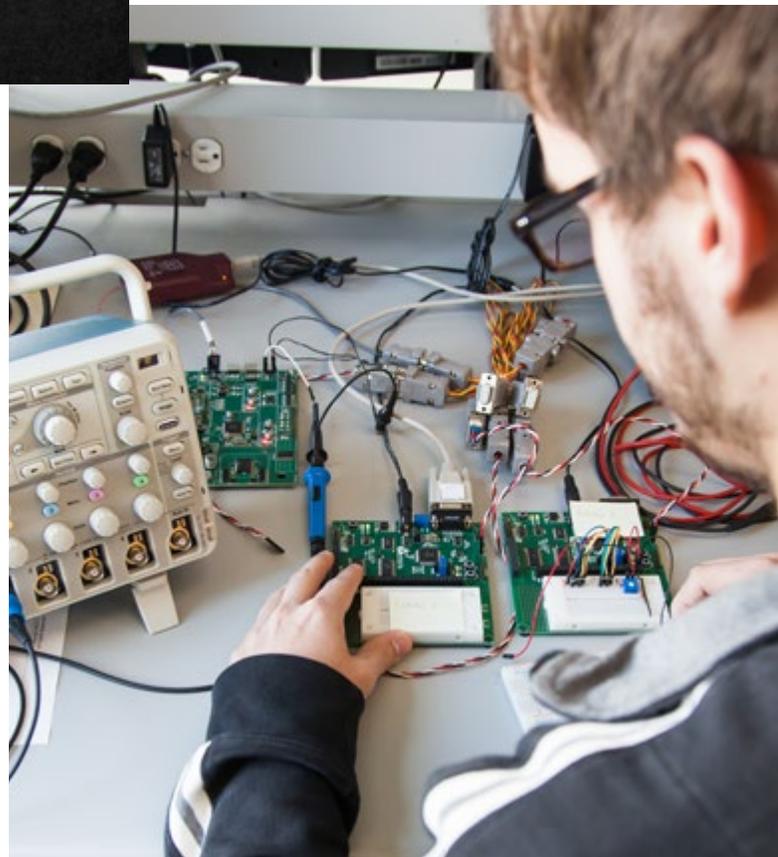
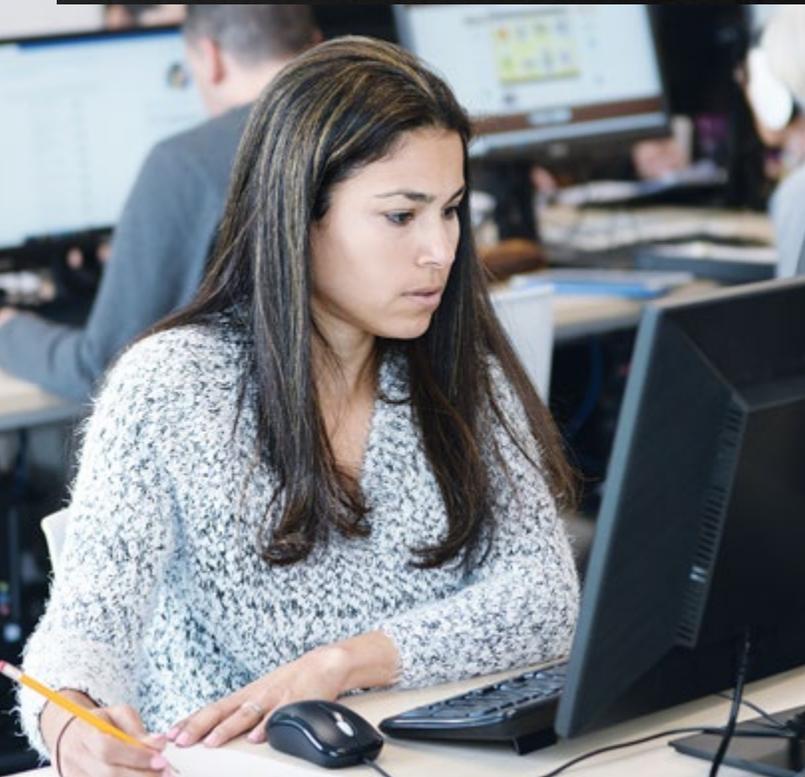




CONESTOGA

# ENGINEERING & TECHNOLOGY

**#THINK  
CONESTOGA**





**Conestoga** is one of Ontario's fastest growing colleges and a leader in polytechnic education. The School of Engineering & Technology offers a wide range of programs leading to exciting careers in fields of emerging and applied technology. Program clusters within engineering and technology include Aviation, Mechanical, Electronics, Electrical, Civil, Environmental, Packaging Engineering, Architecture, Food Processing Technology, Woodworking, Welding, and Computer Engineering Technology.

# ENGINEERING & TECHNOLOGY

Program Options To Meet Your Career Goals:

## Certificate - one year

Power Engineering Techniques - 4th Class

Renewable Energy Techniques

Technology Foundations

Welding Techniques

Woodworking Techniques - CNC

## Certificate - three year

Cabinetmaker (Apprenticeship)

Process Operator - Food Manufacturing (Apprenticeship)

## Diploma - two years

Aviation - General Arts and Science

Aviation - General Arts and Science Fast Track

Electrical Engineering Technician

Electronics Engineering Technician

Food Processing Technician\*

Mechanical Engineering Technician -  
Automated Manufacturing\*

Packaging Engineering Technician\*

Welding Engineering Technician - Robotics\*

Welding and Fabrication Technician

Woodworking Technician

## Advanced Diploma - three years

Architecture - Construction Engineering Technology\*

Civil Engineering Technology\*

Computer Engineering Technology\*

Electrical Engineering Technology\*

Electronics Engineering Technology\*

Energy Systems Engineering Technology - Electrical\*

Environmental - Civil Engineering Technology\*

Manufacturing Engineering Technology -  
Welding and Robotics\*

Mechanical Engineering Technology -  
Automated Manufacturing\*

Mechanical Engineering Technology -  
Design and Analysis\*

Mechanical Engineering Technology -  
Robotics and Automation\*

Welding Engineering Technology - Inspection\*

Woodworking Technology\*

## Bachelor's Degree - four years

Architecture - Project and Facility Management\*\*  
- IFMA Accredited

Building Systems Engineering\*\*

Electronic Systems Engineering\*\* - CEAB Accredited

Interior Design\*\* (Honours) - CIDA Accredited

Mechanical Systems Engineering\*\* - CEAB Accredited

Power Systems Engineering\*\*

## Graduate Certificate - one or two years

Applied Energy Management

Applied Electrical Motion and Control Management

Applied Manufacturing Management - Machining Option

Applied Manufacturing Management - Welding Option

Applied Network Infrastructure & System Administration

Construction Management\* - 2 years

Construction Project Management

Embedded Systems Development\* - 2 years

Environmental Building Sciences

Environmental Engineering Applications\*

Food Safety and Quality Assurance - Food Processing

Operations Leadership in Food Manufacturing

Process Quality Engineering

Quality Assurance - Manufacturing & Management

Robotics and Industrial Automation\* - 2 years

Structural Packaging Design and Management

Structural Steel Management and Detailing\* - 2 years

Wireless Network Infrastructure

### \* Optional Co-op program

(Note: may increase length of time to complete program)

### \*\* Co-op program

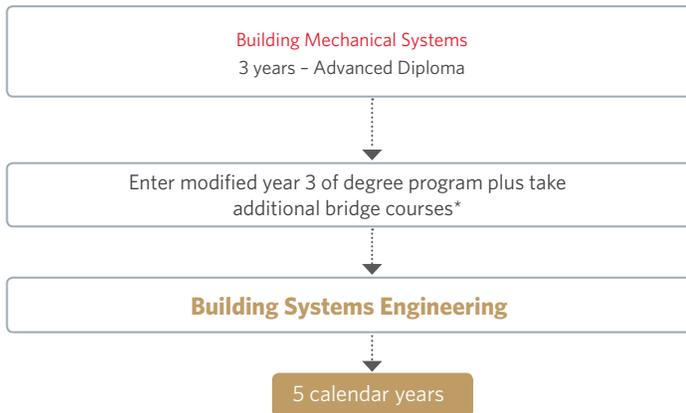
For admission requirements and up-to-date program information,  
visit [www.conestogac.on.ca](http://www.conestogac.on.ca)

## How to Apply

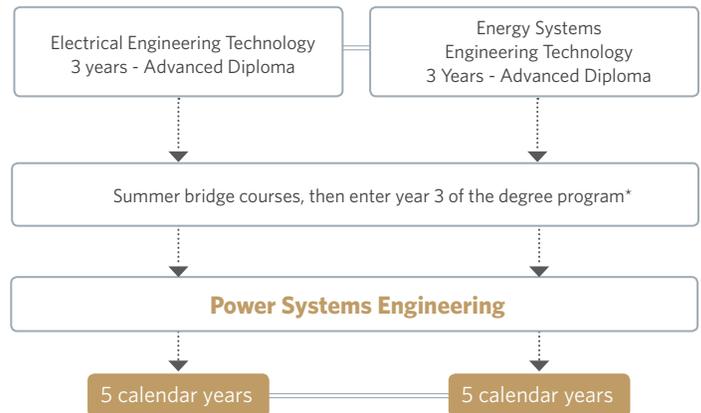
Apply online at [www.ontariocolleges.ca](http://www.ontariocolleges.ca)  
or by phone at 1-888-892-2228

# PATHWAYS TO SUCCESS

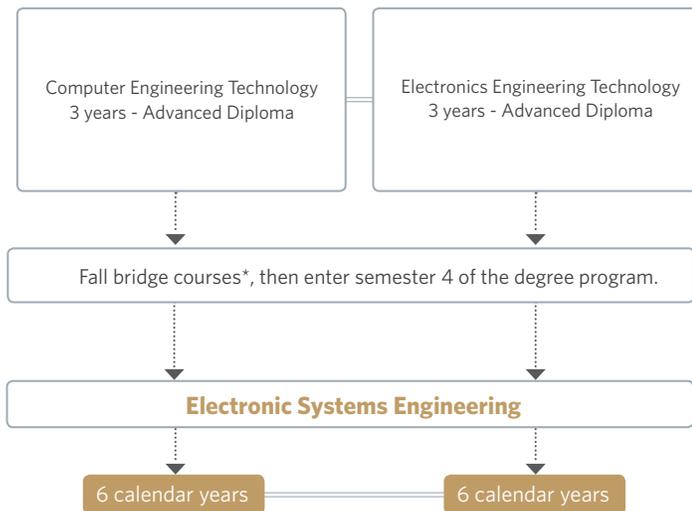
## Building Systems Engineering



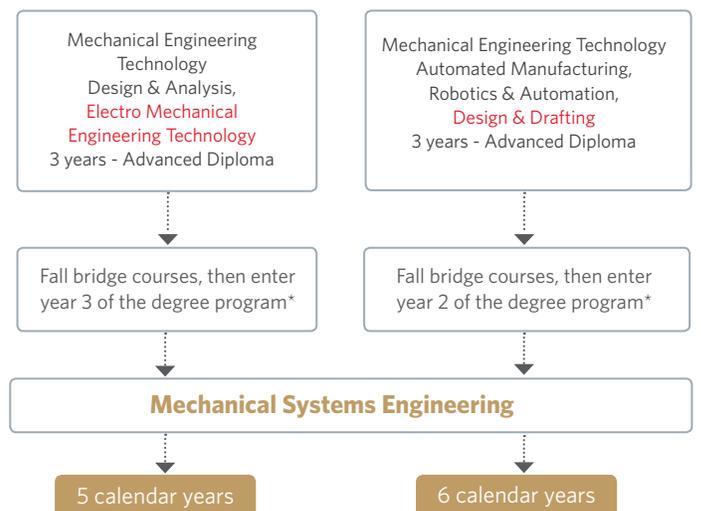
## Power Systems Engineering



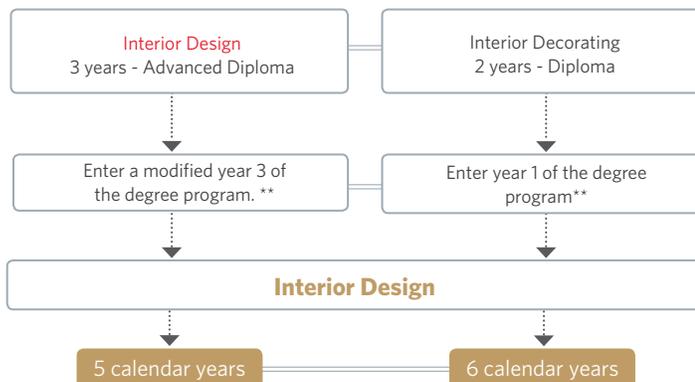
## Electronic Systems Engineering



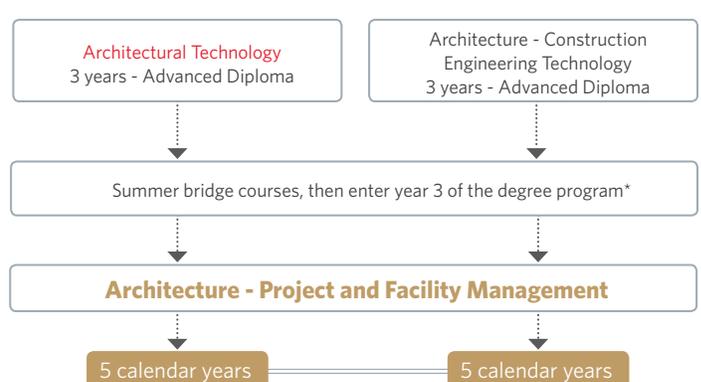
## Mechanical Systems Engineering



## Interior Design



## Architecture - Project and Facility Management

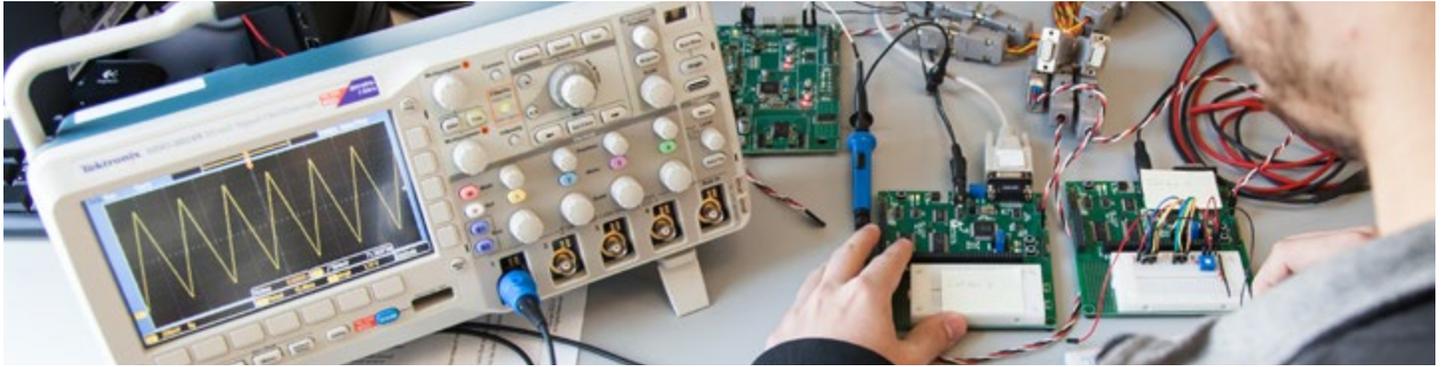


\*Number of bridge courses required depends on the institution/program of graduation.

\*\*Note: there may be additional 4U courses required for admission.

To confirm program eligibility and credit transfer details, go to [ontransfer.ca](http://ontransfer.ca) or contact a credit transfer officer at ext 2166.

**Programs highlighted in red are offered at another institution.**



## **CAREER-FOCUSED EDUCATION**

At Conestoga, our focus is on teaching and learning, and preparing you for career success. Co-operative education has been a principal feature of the School of Engineering & Technology for many years, enhancing the quality of in-school learning, providing excellent and relevant experience during your program of study, leading to career opportunities with prominent national and international companies. Located in the heart of Canada's Technology Triangle, Conestoga has established partnerships with many internationally known companies, who help us offer high quality programs leading to attractive careers. For the 2019-20 reporting year (2018-19 graduates), 85% of graduates were working 6 months after graduation.

### **Active Learning**

Conestoga provides a mix of experiences to enhance learning. You'll learn from faculty with experience in their fields, and practice your skills in leading-edge facilities equipped to meet or exceed today's industry standards. You'll develop practical, hands-on skills through project-based learning, co-op placements and within some programs have the opportunity to work on applied research projects to help develop solutions for real-world industry clients.

### **Facilities**

Conestoga's School of Engineering & Technology occupies a state-of-the-art facility situated in the City of Cambridge just south of highway 401. Here you will find labs, shops and classrooms equipped with the newest technology available to support your learning. Many of Conestoga's engineering programs are offered in this location.

## **Employer Satisfaction**

The employer satisfaction rate among those hiring Conestoga graduates is 94%.



## **DEGREES WITH A DIFFERENCE**

One of the greatest advantages when you choose Conestoga is your opportunity to attain advanced credentials, including a wide range of career-focused bachelor's degree and graduate certificate programs. Conestoga's degree programs are government-approved and industry recognized that prepare you for employment or graduate studies.

### **Benefits Of Degree Programs At Conestoga:**

- Class sizes that support teamwork and student-faculty interaction
- Real-life learning experiences, including practicums and paid co-op work terms
- Combination of project-based learning and theory
- Qualified faculty with work experience in their field of study
- Diploma-to-degree pathways that provide opportunities for advanced standing and transfer credit

## **COMMUNITY PARTNERSHIPS & APPLIED RESEARCH**

Our industry partners work closely with faculty at Conestoga to ensure that our programs stay relevant and meet evolving industry needs. Conestoga's applied research is faculty-led and tied directly to outcomes to improve academic learning experiences while also providing practical solutions to industry.

As a member institution of Polytechnics Canada, Conestoga is proud to work with our industry and community partners to propel innovation and create jobs for tomorrow.

Learn more at [www.polytechnicscanada.ca](http://www.polytechnicscanada.ca)

## EXPLORE CONESTOGA

Welcome future students. We can't wait to help you learn more about Conestoga College. There are several ways to experience what campus life is like - join us for an online-guided campus tour, take part in one of our live online events, or check out our virtual tour and on-demand program information.

### ONLINE-GUIDED TOURS

During this time, we are offering online-guided campus tours to show you all Conestoga has to offer. Book a time for the campus that delivers the program you are interested in.

### LIVE ONLINE EVENTS AND ON-DEMAND PROGRAM INFORMATION

Learn about the best programs, faculty and facilities, without leaving home. Attend a virtual live Q&A session to have your important questions answered and connect with a student recruiter.

### VIRTUAL TOUR

As your schedule permits, learn more about our campuses, program information, and campus life through our award winning virtual tour.

In accordance with public health guidelines, on-campus tours may be permitted in the future. Please continue to monitor our website or contact [tours@conestogac.on.ca](mailto:tours@conestogac.on.ca) for details.

[www.conestogac.on.ca/visit-us](http://www.conestogac.on.ca/visit-us)

## #THINK CONESTOGA

2021 | 2022

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#conestogacollege

## CONNECT WITH CONESTOGA

Please contact us if you have any questions or need more information.

**Email:** [askme@conestogac.on.ca](mailto:askme@conestogac.on.ca)

**Call:** 519-748-5220 ext. 3656

[www.conestogac.on.ca](http://www.conestogac.on.ca)