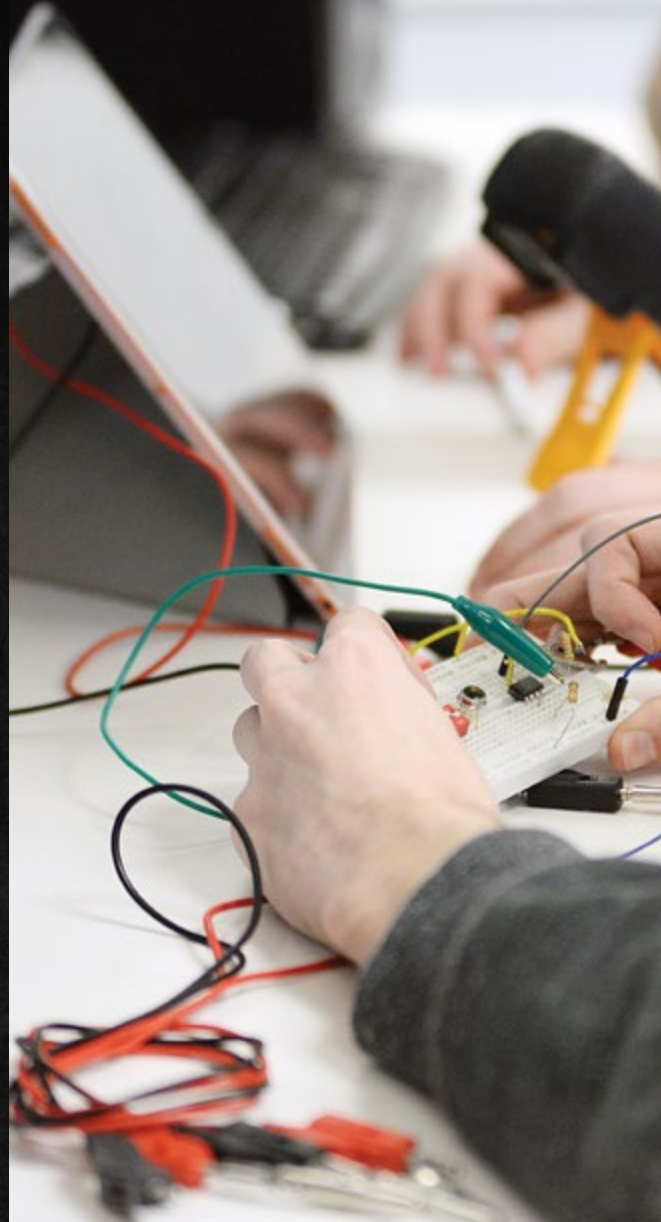




CONESTOGA

**APPLIED COMPUTER  
SCIENCE &  
INFORMATION  
TECHNOLOGY**

**#THINK  
CONESTOGA**





**Conestoga** is one of Ontario's fastest growing colleges and a leader in polytechnic education. The School of Applied Computer Science & Information Technology offers a wide range of programs leading to exciting careers in fields of emerging and applied technology. Program areas include Computer Science, Software Development and Engineering, Computer Programming, Wireless and Mobile Technologies, Cyber Security, Information and Communication Technology, and IT Innovation and Design. Graduates are uniquely positioned as highly-demanded professionals in the exciting and rapidly expanding field of Information Technology.

# APPLIED COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Program Options To Meet Your Career Goals:

## Pathways

### NEW Bachelor's Degrees - four years

- ▶ Bachelor of Computer Science (Honours)

### Advanced Diploma - three years

- ▶ IT Innovation and Design (*Optional Co-op*)
- ▶ Computer Programming and Analysis (*Optional Co-op*)
- ▶ Software Engineering Technology (*Optional Co-op*)

### Diploma - two years

- ▶ Computer Programming
- ▶ Software Engineering Technician
- ▶ Computer Systems Technician - Information Technology Infrastructure and Services (*Optional Co-op*)

### Graduate Certificate - one or two years

- ▶ Applied Network Infrastructure and System Administration
- ▶ Big Data Solution Architecture (*Optional Co-op*)
- ▶ Computer Applications Development (*Optional Co-op*)
- ▶ Computer Application Security (*Optional Co-op*)
- ▶ Information Technology Business Analysis
- ▶ Information Technology Network Security
- ▶ Mobile Solutions Development (*Optional Co-op*)
- ▶ Software Quality Assurance and Test Engineering (*Optional Co-op*)
- ▶ Web Design
- ▶ Information Technology Infrastructure
- ▶ Enterprise Content Management

Mobile Solutions Development (*Optional Co-op*)  
 Computer Application Security (*Optional Co-op*)  
 Information Technology Network Security  
 Information Technology Infrastructure  
 Big Data Solution Architecture (*Optional Co-op*)

Bachelor of Computer Science (Honours)  
 (Enter 3rd year)

Bachelor of Computer Science (Honours)  
 (Enter 2nd year)

Computer Applications Development (*Optional Co-op*)  
 Information Technology Network Security

Computer Application Security (*Optional Co-op*)

Big Data Solution Architecture (*Optional Co-op*)  
 Mobile Solutions Development (*Optional Co-op*)  
 Computer Application Security (*Optional Co-op*)  
 Software Quality Assurance and Test Engineering (*Optional Co-op*)

Wireless Network Infrastructure  
 Computer Application Security (*Optional Co-op*)

Computer Application Security (*Optional Co-op*)  
 Computer Applications Development (*Optional Co-op*)

Computer Application Security (*Optional Co-op*)  
 Information Technology Network Security



Pathways from diplomas to graduate certificates, and even between various graduate certificates are available.  
 Please see [www.conestogac.on.ca/credit-transfer/pathways](http://www.conestogac.on.ca/credit-transfer/pathways) for more details.

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



## CAREER-FOCUSED EDUCATION

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At Conestoga, our focus is on teaching and learning, and preparing you for career success. Our programs, developed in partnership with industry and community leaders, reflect Ontario's changing job market and provide you with many hands-on opportunities to build the skills and knowledge that today's employers are seeking. Co-operative education has been a principal feature of the School of Applied Computer Science & Information Technology for many years, enhancing the quality of in-school learning, providing relevant experience during the program of study, leading to career opportunities with leading 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 learning experiences to prepare you for your career. 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.

### Program Advisory Committees

Our industry partners work closely with faculty at Conestoga to ensure that our programs stay relevant and meet evolving industry needs.

## COMMUNITY PARTNERSHIPS & APPLIED RESEARCH

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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)



## **PATHWAYS TO SUCCESS**

At Conestoga, you can start from where you are now, and go as far as your dreams, your talent and your determination will take you. If you need to brush up on your skills or develop more background knowledge in your chosen field, Conestoga can provide targeted training that will prepare you for the more advanced programs that lead to your dream career.

### **Employer Satisfaction**

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



### **ADD A DEGREE TO YOUR DIPLOMA**

For applicants with academic credit from a recognized post-secondary institution, transfer credit and advanced standing will be considered on a case-by-case basis.

## **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 recognized programs 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



## 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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## 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)