Two-Year Ontario College Graduate Certificate Program

Credential upon Graduation:	Graduate Certificate
Annual Fees (CAD):	$16,887 + $1,345 program costs ('19/'20)
English Proficiency:	IELTS 6.5, no band lower than 6.0
Eligible Applicants:	Graduates of a four-year degree program in electrical or electronic engineering (must be 1st or 2nd class upper)
Intake:	September & January

This program provides students with hands-on opportunities to acquire the knowledge and skills necessary to work effectively in embedded systems product and device development.

Topics covered range from computer software and industrial control systems to health and safety and quality assurance. The program integrates a hands-on, practical approach to learning, augmenting the theoretical knowledge that graduate engineers already have. Applied projects and lab work help prepare graduates for a technical career in embedded systems product development and related fields.

The program also includes entrepreneurship and communication courses that help build the 'softer skills' sought by employers in the industry. After graduation, students may find themselves working in a variety of positions including Design Technologist, Embedded Systems Developer, Technical Support Analyst and Electrical Systems Integrator.

Semester One	Semester Two	Semester Three	Semester Four
• International Business Communications	• Communications for Technology	• Computer Software II	• Embedded Systems Design
• Computer Software I	• Industrial Data Networks	• Embedded Control Systems II Theory	• Computer Networks
• Digital II	• Industrial Electronics Fundamentals	• Embedded Control Systems II Lab	• Professional Practice & Law
• Electronics I	• Embedded Control Systems I	• Health & Safety Management & Inspection	• Entrepreneurship
• Fundamental Electronics II	• Project Management	• Quality, Strategy & Value Creation	

About Confederation College

With cutting-edge programs and equipment, in-class learning that meets or exceeds industry standards, and practical work placements in Thunder Bay and throughout the country, Confederation College will help you get the knowledge, skills and the on-the-job experience that employers demand. Your global mindset will be expanded and English proficiency will improve while studying at Confederation College.

As a public college, established in Thunder Bay in 1967, Confederation College has a proven track record of delivering exceptional education and training to an average of 6,500 full- and part-time students every year, including over 1,000 international students. It has more than 58 programs in three academic schools:

- School of Aviation, Engineering Technology & Trades
- School of Business, Hospitality & Media Arts
- School of Health & Community Services

About Thunder Bay

Enjoy a truly "Canadian Experience" in Thunder Bay, which boasts some of the most spectacular scenery in North America. Thunder Bay is ideal for academic studies, recreation and cultural activities. It is a clean and friendly city of over 107,000 people that includes a number of different multi-cultural groups. Students can gain valuable work experience with part-time employment during their studies, and have many career opportunities upon graduation.

Photo Courtesy of Tourism Thunder Bay

WWW.CONFEDERATIONCOLLEGE.CA/INTERNATIONAL

FOR MORE INFORMATION:

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