Computer Engineering Technology – Fast Track

With the three-year Computer Engineering Technology program, you can expand your repertoire of skills and knowledge to open up interesting and rewarding career opportunities.

**Program Code:** CTYFT  
**Credential:** Ontario College Advanced Diploma  
**Start Date:** September  
**Location:** Peterborough

**Program Highlights**
This 4-semester Fast Track program goes beyond the technician level, where computer engineering technicians add analysis, design, project management and enhanced applied technology skills. You’ll apply this knowledge to the analysis and design of complex computer systems and networks.

You’ll have open access beyond classroom time to our lab facilities - time to explore and learn, hands-on. Your ability to work effectively as a member of a technical team will also be further developed through course studies and a full-semester team-based project.

This program has recently received National Accreditation with the Canadian Technology Accreditation Board. Graduates are recognized by the Ontario Association of Certified Engineering Technicians and Technologists (OACETT) as meeting all the academic requirements for certification in the Certified Engineering Technologist (CET) category.

**Success Stories**
Recent Grad Chris Rice was hired by Bryston Ltd., Canada’s leading manufacturer of high end audio electronics, to create the user interface for the new Bryston Digital Player (BDP-1). Rice is also now teaching the Technical Programming course within the Computer Engineering program. The digital player was nominated for Best New Product Award (BDP-1). Rice is also now teaching the Technical Programming course within the Computer Engineering program.

**WHY CHOOSE FLEMING**
Through our relationships with partners and industry leaders, we’re able to assist our grads to satisfying careers in the field upon graduation.

This program will prepare you for a career in today’s ever-changing world. The EDGE focus within the Faculty of Business, Computing and Hospitality is founded on 4 principles:

- **Environmental Responsibility:** Learn how to contribute to a sustainable future. Ensure your career leaves a green footprint.
- **Diversity:** Work with a variety of people from faculty, administration, students and members of the community. Learn how to be creative and innovative.
- **Global Perspective:** Learn to compete on a level playing field in the global market.
- **Experience:** Gain real experience in your field through case studies, simulations, placements and applied projects.

Develop your EDGE at the Faculty of Business, Computing and Hospitality.

**Work Experience Applied Projects @ Fleming**
In your final semester you will work on an intensive team project. Each member of the team will contribute specialized knowledge, learned in his or her program of study, to the solution of a real-world technological problem posed by a sponsoring business or organization. This project will enhance problem-solving skills, applied industry knowledge, and the ability to work as part of an engineering/development team. You’ll also learn critical workplace skills such as time management, how to map a critical path, and presentation skills. Since you may be working on sophisticated developmental or research based work, sponsors will often use the project as a testing ground and recruitment opportunity.

**IS THIS YOU?**
This program and career require:
- curiosity about how computers work
- ability to explain computing issues to others
- self-motivation
- ability to be a team player
- excellent listening skills
- enjoy working with people

**Career Opportunities**
Graduates of this program have found positions as members of research and development teams composed of engineers, technologists, and technicians. In addition, many have found positions as field service or customer representatives for equipment suppliers. Because of their more comprehensive education, graduates often eventually assume administrative responsibilities within their organizations. Your broad-based, transferrable skills will be to your benefit. For example, Robert Half Technology, the leading resource on IT hiring and employment trends, reports in its recent Salary Guide that the long-range outlook for IT professionals is strong, and technology’s hottest jobs include network systems and data communications analysts, network and computer systems administrators, and computer systems analysts. Sample job titles include:

- embedded software developer
- computer operations supervisor
- computer systems analyst
- server administrator
- network administrator
- LAN manager

Graduates are in very high demand, with starting salaries in the $35,000 to $40,000 range in Canada.