

INTERNATIONAL VIEWBOOK 2020/2021

Fleming College

Ontario, Canada

Everyone's reasons are different.

Some want to feed the world.

Others want to save it.

There are those who want to protect it.

And others who want to build it.

Whoever you are.

Whatever you're ready for.

We're ready for you.

WELCOME TO FLEMING COLLEGE

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ACKNOWLEDGING THE TERRITORY

Fleming College respectfully acknowledges that we are situated on Michi Saagiig lands and the traditional territory covered by the Williams Treaties.



Urban living, on the water.

Our region has all the advantages of urban living in a laid-back atmosphere. Take in waterside festivals, live entertainment around town, or dine out in our thriving and diverse local food scene.

Enjoy four-season recreational fun on our lakes, rivers and trails. Located on part of the Trent-Severn Waterway, the region is home to more than 350 lakes. Stand-up paddle board on Little Lake in downtown Peterborough, fish on the Scugog River in Lindsay, hike or ski through our Sculpture Forest in Haliburton, or bike the Trans Canada Trail that traverses 120 km through our campus communities.



SUTHERLAND CAMPUS

Located on 200 acres in the City of Peterborough, Sutherland Campus is the largest campus with about 5,200 full-time students and 70 full-time programs. Peterborough is one of Canada's most walkable cities and offers a vibrant urban lifestyle. National and multi-national manufacturing and technology companies, including Siemens, PepsiCo and Rolls Royce, have operations here.



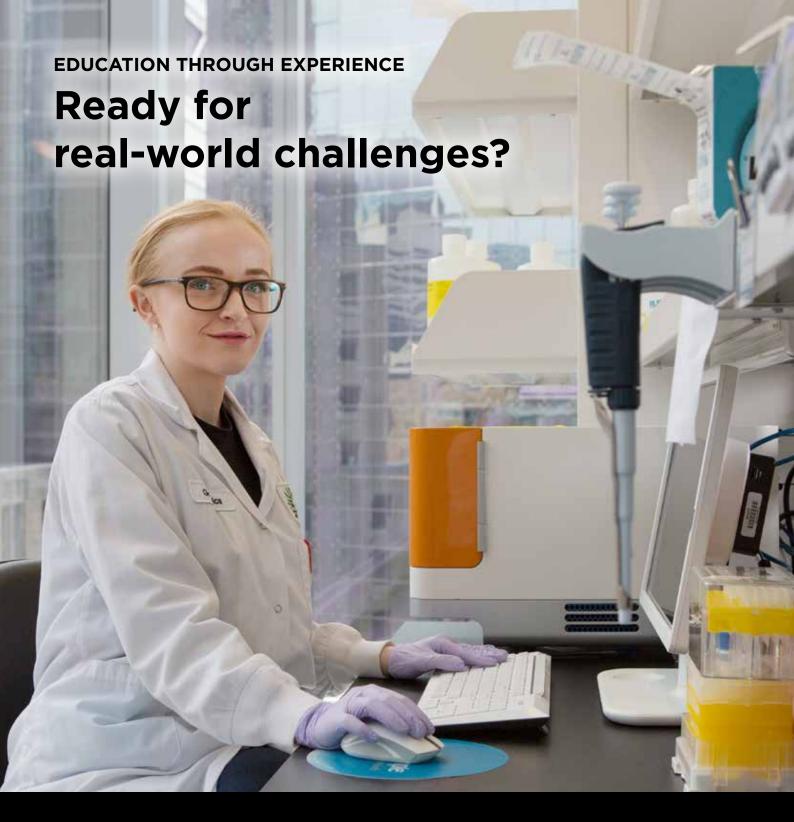
FROST CAMPUS

Set on 150 acres bordering the Scugog River in Lindsay, Frost Campus is home to our renowned School of Environmental and Natural Resource Sciences. The campus hosts about 1,600 full-time students. Lindsay's historic downtown and its surrounding natural beauty of rivers, lakes and parks draw thousands of visitors each year.



HALIBURTON CAMPUS

The campus is home to the Haliburton School of Art + Design, a renowned leader in arts programming in Canada. Spacious art studios and classrooms are designed to take advantage of natural light and the outdoor landscape. Nestled in the wild beauty of the Haliburton Highlands, this town is well-known for its community of artists and offers an unrivaled sense of support to students and residents.



Knowledge, strengthened by experience.

Fleming College programs incorporate experiential learning opportunities to help you transition from post-secondary education to a career with a future. Depending on your program, you'll have many options to apply what you've learned to your chosen field.



66

I personally found the placements to play a huge role in my understanding of theoretical knowledge, as I was able to see for myself and gain the first-hand experience of what I was learning in class. This was a bonus in not just my assignments but also in terms of being employed. I currently work at the site where I had done my placement during my period of study.

- Sharon Jose (India) alumnus, Early Childhood Education (ECE) 95.7%

of employers were satisfied or very satisfied with our graduates' preparation for the workplace. (Key Performance Indicator survey)

REAL-WORLD, HANDS-ON TRAINING

Get relevant experience through:

- Applied projects
- Community projects
- Co-op placements
- International field trips
- Internships
- Field camps
- Lab/clinical work
- Simulation lab
- Studio practice
- Work placements





For my ERT Co-op term, I was a Geotechnical Field Technician for Golder Associates. This was an excellent foundation for my career, as I had no prior relevant work experience. That experience on my résumé has drawn interest from every job interviewer I have had so far.

- Michael Tamosauskas, alumnus, Earth Resources Technician Co-op (ERT)



Modern, well-equipped facilities.

Fleming students develop and perfect their career skills in unique, hands-on learning environments, on campus and in the community. Unlike conventional classrooms, these settings are designed to replicate real-world experiences.

Campus Highlights

SUTHERLAND CAMPUS

- New Health Science wing
- Simulation lab
- The Spa + Clinic at Fleming
- Biotechnology Advanced labs
- Kawartha Trades and Technology Centre
- New Culinary lab
- Engineering Commons
- Justice and Community Development Lab
- Courtroom

FROST CAMPUS

- New Geoscience labs
- Centre for Heavy Equipment Technology
- Parnham Training Centre for Drilling and Blasting
- Centre for Advancement of Water and Wastewater Technologies
- Fish Hatchery
- New Arboretum
- Green Roof

HALIBURTON CAMPUS

- Art and Design Studios including newly re-built Glassblowing studio and standalone Artist Blacksmith building
- Maker Space
- Off-campus Learning Partnerships
 - Peterborough Museum and Archives
 - Greater Peterborough Innovation Cluster

SUSTAINABILITY AT FLEMING

We are proud to be a leader in sustainability among post-secondary institutions and within our communities. Fleming is consistently ranked as a top performer among North American colleges by the Association for the Advancement of Sustainability in Higher Education (AASHE). Fleming was also the first Canadian institution to be designated by AASHE as a Centre for Sustainability across the Curriculum.

57%

of students use sustainable transportation

Canadian college to ban bottled water sales on campus (2011)

of all full-time diploma programs currently have a sustainability learning outcome

reduction in paper consumption since 2013

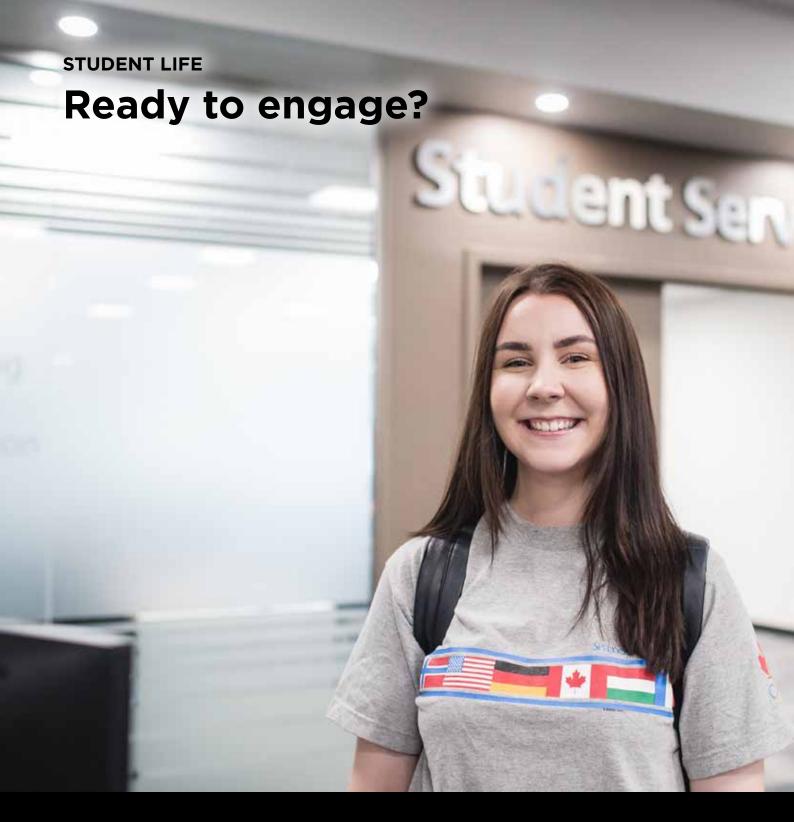
Applied research partners in total

External research funding to date

CENTRE FOR ADVANCEMENT OF WATER AND WASTEWATER TECHNOLOGIES (CAWT)

Fleming College is a clean-tech research hub for innovative water and wastewater technologies. Within the CAWT, located at our Frost Campus, a dedicated group of scientists, faculty researchers, project managers, and technologists support small- and medium-sized businesses, and help find new ways to protect, reuse, treat, and manage the world's water. Students within several programs at the campus can take advantage of applied research opportunities at the CAWT.





All the tools and support you'll need.

We are committed to providing you with the support services you need to achieve your goals at Fleming. Whether it's support for a job search, academic assistance, or mentoring, we can help. We promote a welcoming and inclusive environment for all students and staff across our campus communities. You'll have many opportunities to get involved and have fun.

Support Services

INTERNATIONAL STUDENT SERVICES

- Orientation packed with indispensable tips
- 1-on-1 and group advising
- Peer mentoring
- Cultural celebrations and trips
- Valuable info session on work permits, immigration and more

TUTORING AND ACADEMIC SKILLS

- Free tutoring services for all students who need assistance
- Daily drop-in sessions for math and writing
- Comprehensive peer tutoring program
- Weekly large group review sessions for high demand courses

STUDENT HEALTH SERVICES

- Free, confidential health care
- Access to a physician by appointment
- Registered nurse available weekdays
- Educational resources for healthy lifestyles

CAREER SERVICES

- Support for students and alumni
- Assistance with career exploration and job search skills
- One-on-one and group career advising
- Access to employers and job postings

LIBRARY AND LEARNING COMMONS

- Extensive list of electronic publications as well as print books and magazines
- Specialized online resources for each program of study
- Group study rooms and access to computers, printers and scanners

COUNSELLING AND ACCESSIBLE EDUCATION SERVICES

- Access to professional, accredited counsellors in a safe setting
- Assistance with personal, disability and academic issues
- Academic accommodations for students with disabilities
- Services are voluntary, confidential and free

Get involved

Getting involved in student life can greatly enrich your experience. Through student leadership activities, mentoring and tutoring programs, student administrative organizations and student clubs there are many opportunities for students to enhance their own experience and help other students feel included and engaged.

CO-CURRICULAR RECORD

A non-academic record of participation in oncampus and community events. Document your activity, and supplement your portfolio/résumé.

REGULATED INTERNATIONAL STUDENT IMMIGRATION ADVISOR

Our on-campus Regulated International Student Immigration Advisor (RISIA) can provide immigration advice on study permits and related Canadian immigration programs as well as on temporary resident visas.

Ruixin: Newfound confidence through student-run activities



I was shy and quiet and my English was not great when I first came here. I joined the Student Administration's Street Team and ended up participating in a lot of events, then becoming one of their board members and eventually an International Ambassador. All of this shaped a brand new, more confident "me." It's been a huge and important change in my life.

- Ruixin (Rayna) Li (China), alumnus, Business Administration - Accounting (BAB)





Find the right place to call home.

Your housing choice is an important one and we are here to help you make an informed decision. Our on-site Residence Life staff and Off-Campus Housing Coordinator are available to assist you during your initial housing search and with future concerns that might arise with your accommodation.

HOMESTAY

Stay with a local family in your own furnished room. Depending on the arrangement and the family, this may include all or most meals, internet access, and participation in family outings and celebrations.

OFF-CAMPUS HOUSING

There are many off-campus housing options for those who want to live on their own or share with other students. Places are usually unfurnished. For important tips and rental listings visit flemingcollege.ca/student-experience/off-campus-housing.

ON-CAMPUS RESIDENCE (PETERBOROUGH AND LINDSAY)

Each fully furnished suite in our residence buildings has 6 single bedrooms, with shared kitchen, living room and bathroom. Each building is smoke-free, fully networked with onsite laundry and 24-hour staff. For a virtual tour, fees and application, visit flemingcollege.ca/student-experience/residence.



ESTIMATED HOUSING COSTS FOR AN ACADEMIC YEAR (8 MONTHS)

\$7,400

Home Stay. Fully furnished, 2 or 3 meals a day, internet and utilities included.

\$6,800 to \$7,400

On-Campus Residence. Fully furnished, internet and utilities included.

\$4,000 to \$9,000

Off-Campus Shared Housing. Usually unfurnished. Food, internet and utilities are extra.

ESTIMATED LIVING COSTS
FOR AN ACADEMIC YEAR (8 MONTHS)

\$1,500 to \$4,000

Food

\$0

Bus pass (included in ancillary fees)

\$0 to \$1,200+

Books + supplies (depending on program)

\$1,200 to \$2,000

Personal items



Our school is different.

There's no other way to explain it - our school is different. With programs that focus on the environment, you won't spend much time in a lecture hall. It's active, outdoor learning with labs, field schools, and projects that challenge you to put your knowledge into practice. Most programs offer experiential learning through work placements. Several offer paid co-ops. And some offer international learning opportunities. Our small class sizes are led by dedicated faculty who are not only passionate about the subjects they teach but also your success. You'll make friendships and connections here that will last a <u>lifetime</u>.

A LIVING, LEARNING LAB - INSIDE AND OUT

The School of Environmental and Natural Resource Sciences (SENRS) is located at our Frost Campus in Lindsay. Situated on 150 acres bordering the Scugog River, the campus itself is a learning lab for students.

Our best-in-class experiential learning environments include:

• Green roof

- Biocommons
- Geothermal wells

- Pathology lab
- Greenhouse/nursery
- Heavy equipment yard

- Natural wetlands
- Arboretum

Apiary

- Fish hatchery
- New Geoscience Lab
- Community Garden
- Centre for Advancement of Water and Wastewater Technologies

CERTIFICATES (PROGRAM CODE)	LENGTH	START
Arboriculture Co-op (AR)	3 semesters	Jan
Blasting Techniques (SBL)	2 semesters	Sep/May
Heavy Equipment Techniques Co-op (MPH)	3 semesters	Jan
Outdoor Adventure Skills (OAS)	2 semesters	Sep
Urban Forestry (UF)	2 semesters	Sep
DIPLOMAS (PROGRAM CODE)	LENGTH	START
Conservation Biology Technician NEW! (CNB)	4 semesters+	Sep
Earth Resources Technician Co-op (ERT)	5 semesters+	Sep
Ecological Restoration (ERJ) Honours B.Sc. Joint Trent-Fleming Degree/Diploma (4 semesters at Fleming College, Lindsay; 4 semesters at Trent University, Peterborough)	8 semesters	Sep
Ecosystem Management Technician (EMT)	4 semesters+	Sep/Jan
Ecosystem Management Technology* (EMX)	6 semesters+	Sep/Jan
Electrical Power Generation Technician Co-op (EPG)	4 semesters	Jan
Environmental Technician/	4 semesters+	Sep/Jan
Optional Co-op (ETN)	5 semesters+	Sep only
Environmental Technology* (ETY)	6 semesters+	Sep/Jan
Fish and Wildlife Technician/	4 semesters+	Sep/Jan
Optional Co-op (BO)	5 semesters+	Sep only
Fish and Wildlife Technology* (FW)	6 semesters+	Sep/Jan
Forestry Technician/	4 semesters+	Sep/Jan
Optional Co-op* (FT)	5 semesters+	Sep only
Outdoor and Adventure Education (ODE)	4 semesters	Sep
Resources Drilling Technician/	4 semesters+	Sep/Jan
Optional Co-op (RDB)	5 semesters+	Sep only
Urban Forestry Technician Co-op (UFT)	5 semesters	Sep
POST-GRADUATE CERTIFICATES (PROGRAM CODE)	LENGTH	START
Advanced Water Systems Operations and Management/Co-op (AWS)	3 semesters	Sep/Jan
Applied Planning - Environmental (AEN)	10 months	Sep
Aquaculture Co-op (AQU)	3 semesters	Sep
Geothermal Systems NEW! (GES)**	2 semesters	Jan
GIS - Applications Specialist (GIA)	10 months	Sep
GIS - Cartographic Specialist (GC)	10 months	Sep
Sustainable Agriculture Co-op (SAG)	3 semesters	Sep

^{*}Students are required to enter via the technician level of the program. Students are considered for entry to the technology level through an internal application process in second year.

Sustainable Waste Management **NEW!** (SWM)

Sep

2 semesters

⁺ These programs share a common first semester. Please see page 31 for more information.

^{**} This program is co-hosted with the School of Trades and Technology at our Sutherland Campus. Please see the website for full details.

COMMUNITY-BASED LEARNING

Our School recognizes the importance and value of community-based learning. In partnership with non-profit, private and public sector organizations, you will often see our students out in the field, putting their new skills to use for the betterment of our communities.

Students in our Sustainable Agriculture program are currently assisting with a community garden initiated by the local United Way and the Crayola Company in Lindsay. The garden aims to provide greater food security to local residents by delivering fresh produce to local food banks, and teaching community members how to grow their own food.

hands-on time in labs and field work of grads very satisfied/satisfied with their program of employers very satisfied/satisfied with grads

YOU HAVE OPTIONS

Take your diploma or degree to the next level.

100+
pathways to a university degree

pathways to a degree at Trent University

Post-graduate and Advanced Standing programs for students with a diploma or degree

CERTIFICATES

Arboriculture Co-op PPE

Train to manage and preserve trees and shrubs. From start to finish, this program is hands-on and includes a paid co-op from May to September.

Blasting Techniques PPE FC

The only program of its kind in Canada prepares you for a career as blaster, filling blast holes for mining or demolition. Optional pathway to second semester Resources Drilling Technician.

Heavy Equipment Techniques Co-op PPE

Maintain and repair heavy equipment vehicles and machinery on onsite state-of-the-art equipment. Includes a paid co-op. High employment rates.

Outdoor Adventure Skills

Acquire training, industry-recognized certifications, trip planning, risk management and program planning skills for work in the adventure tourism field. Includes two field camps and numerous outdoor activities and expeditions.

Urban Forestry PPE

This highly practical program focuses on non-treeclimbing work of urban tree care. Optional pathway in semester two to Urban Forestry Technician Co-op or Arboriculture with significant course credit.

DIPLOMAS

Conservation Biology Technician NEW! FC

In the only program of its kind in Ontario, you will focus on the conservation of at-risk animal populations using current research and technologies, including genetics and environmental DNA (eDNA). Includes 40-hour field camp and semester-long applied project.

Earth Resources Technician Co-op PPE FC

Fleming College is the only college to offer a blend of geology, mineral exploration, environmental, and engineering techniques in one program. Includes a sixmonth paid co-op. Graduates from this program are in high demand by resource and geotechnical industries.

Ecological Restoration Degree/Diploma Ec

Earn a diploma and a degree in four years, with two years at Fleming and two years at Trent University. Become a leader in the recovery of degraded, damaged or destroyed ecosystems through applied learning, field skills, theoretical and scientific knowledge and research skills.

Ecosystem Management Technician PPE

Contribute to ecosystem health by helping governments, conservation groups and wildlife organizations with environmentally sustainable planning based on field research and data analysis. Two-week field placements are available in Costa Rica, in South Africa, with an Indigenous community in Northern Ontario, or organize your own placement. Competitive opportunity for a 12-week semester at Pidwa Wilderness Reserve, South Africa.

Ecosystem Management Technology PPE

Develop more expertise and applied experience with the third-year Technology program, which includes a week-long field camp and a project for an external agency. University grads may qualify for Advanced Standing entry and can graduate from this program in just eight months.

Electrical Power Generation Technician Co-op PPE

Obtain specialized skills to install, maintain and test electrical power generation units for emergency power, standby power and prime power generation. Plus, learn to maintain, service and install diesel, gasoline and natural gas powered generators. Includes a paid co-op.

Environmental Technician (Optional Co-op) PPE

Hands-on learning at our unique facilities, through field school, outdoor field studies and trips to industrial/municipal facilities will train you to prevent or resolve environmental issues. This program is accredited by Environmental Careers Organization (ECO) Canada and provides several water and wastewater treatment certifications. Optional competitive co-op for students who start in September.

Environmental Technology PPE

Includes a two-week work placement. Students are eligible for several certifications, including: ECO Canada: Environmental Professional (EP) and Environmental Professional-in-Training (EPt); CET (Certified Engineering Technologist) through OACETT (the Ontario Association of Certified Engineering Technicians and Technologists); Certified Environmental Site Assessor (CESA) with the Association of Environmental Site Assessors of Canada.

Fish and Wildlife Technician (Optional Co-op) PPE

Start your career in sustainably managing the habitats and populations of fish and wildlife. Your skill development includes laboratory work and multiple field trips as well as training in boat handling, GPS, monitoring technologies, bird banding and fish netting, sampling and tagging. Optional competitive co-op for students who start in September.

Fish and Wildlife Technology EC

Fleming is the only college in Ontario offering a thirdyear specialization in Fish and Wildlife Technology. Acquire training in advanced laboratory techniques, data compilation and analysis, and report writing. Includes four weeks of field placement and two weeklong field camps.

Forestry Technician (Optional Co-op) PPE

Acquire the skills for responsible forest resource management, planning and protection through classroom studies, several field excursions, and the field camp experience. Optional competitive co-op for students who start in September.

Outdoor and Adventure Education

Build upon the skills learned in the Outdoor Adventure Skills program, adding further certifications in addition to two field camps. Courses in facilitation, leadership, natural interpretation, and adventure-based education strategies and techniques prepare you for your career. Choose from a two-week field trip or a study trip to Costa Rica.

Resources Drilling Technician (Optional Co-op) PPE FC

This is the only program of its kind in the world, offering technical training and extensive hands-on experience. Work on a full range of drilling equipment at our program facility. National and international employers recruit our graduates. Optional competitive co-op for students who start in September.

Urban Forestry Technician Co-op PPE FC

Start your career in managing urban green spaces by earning your Technician diploma in two years, with the option to continue on at UNB (University of New Brunswick) to earn a Bachelor of Science Degree (B.Sc.) in Forestry in just two more years. Includes a paid summer co-op.

POST-GRADUATE CERTIFICATES

Advanced Water Systems Operations and Management Co-op ©

Prepare for work in water distribution, water and wastewater treatment, inspection, and enforcement through laboratory and field work, and field trips to water and wastewater treatment operations. Includes a paid co-op.

Applied Planning - Environmental FC

Gain a competitive edge with this high demand, marketable skill set. You will help organizations navigate the complexities of environmental planning with your understanding of ecosystems, legislation, communications and GIS skills.

Aquaculture Co-op EC

Gain practical experience in fish farming, aquaculture operations and conservation stocking through field trips and in our two on-campus hatcheries. Includes business training and an eight-week paid co-op.

Geothermal Systems NEW! PPE FC

The only program of its kind in North America. It offers a unique blend of both hands-on training in drilling and installation of the geothermal loop field as well as the installation, repair and maintenance of hydronic systems within buildings.

GIS - Applications Specialist Ec

Fleming's leadership in GIS is widely recognized by industry, government and business. Using the latest computer hardware, software, data resources and field technology, you will learn to do effective planning, monitor change, predict trends and manage resources.

GIS - Cartographic Specialist FC

Become a proficient GIS practitioner, as well as a visual designer, cartographer and communicator – using the latest GIS data and software to create customized maps and other products. Our partnerships ensure exceptional learning and employment opportunities.

Sustainable Agriculture Co-op PPE FC

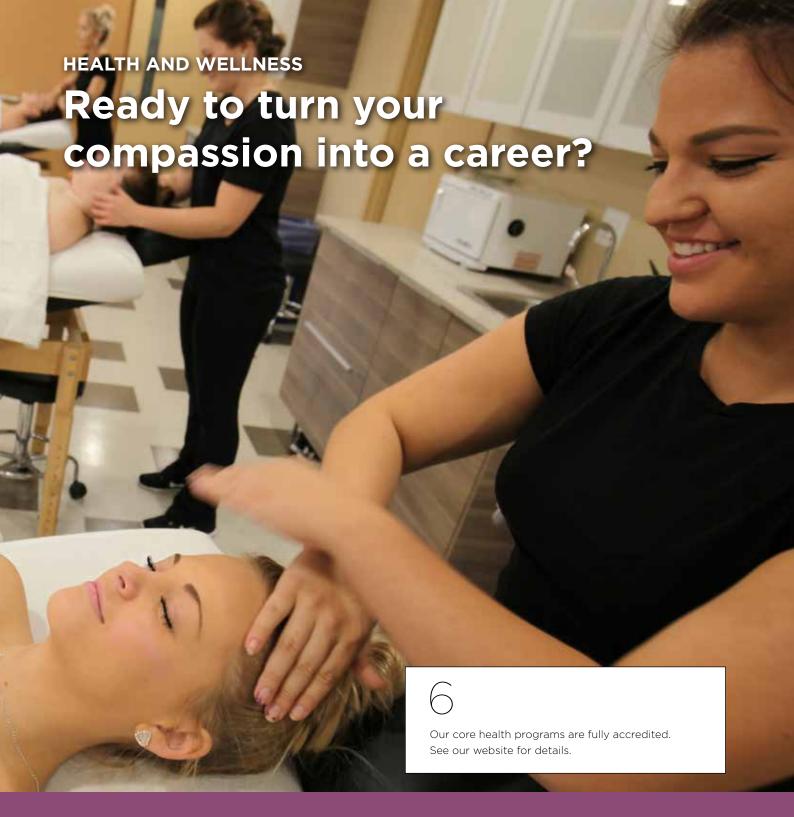
Learn sustainable, ecological farming methods. Program includes small farm operations, exploration of new niche markets, new farm business models, and a co-op experience. Learn from experienced farmers, and develop your own business case and farm plan.

Sustainable Waste Management NEW! FC

Assist organizations in better waste diversion and recovery practices by implementing innovative waste management strategies using emerging ideas and technologies. Employment opportunities are growing, within Canada and internationally.

FC = Unique program offered at Fleming College

PPE = Personal Protection Equipment required, to be purchased after program start (not included in tuition).



Future-ready.

Working in the integrated fields of health and wellness can include delivering frontline patient care, providing support, promoting illness prevention and life-long wellness, or managing the information and technology that underpins the system.

- Forward-thinking curriculum, re-designed lab spaces and new facilities equipped with advanced learning technology and equipment will prepare you to deliver effective care in health and wellness.
- You'll learn the same way you will practice in interdisciplinary teams.
- Extensive opportunities to build on practical training with sought-after clinical and field placement settings.

CERTIFICATES

Community Pharmacy Assistant NEW!

Train to be a key member of the multi-disciplinary team providing community pharmaceutical services. Includes extensive applied learning in our state-of-the-art Pharmacy Technician lab and a 140-hour field placement.

Personal Support Worker PPE

Approximately 400 hours of relevant theory and 300 hours of real-life, clinical training will prepare you for a satisfying, people-focused career, helping to maximize the life experience of children, adults and seniors with special needs or disabilities.

DIPLOMAS

Biotechnology - Advanced PPE FC

A combined specialization of biotechnology and forensics, an accelerated format that condenses the material of six semesters into five, training in multiple job-ready skills and an internship in the final semester prepare our in-demand graduates for diverse opportunities.

Esthetician FC

Graduate in just 12 months with the equivalent of two years of study. 288 hours of practical experience at our state-of-the-art Spa + Clinic will give you the technical skills to provide a full range of treatments and the business skills to manage a spa.

Fitness and Health Promotion

Prepare for a career as fitness and health consultant with knowledge of exercise science, coaching, health promotion and business. Includes a field placement. New dual diploma option with Recreation and Leisure Services.

Health Information Management PPE FC

Learn to use computer technologies to capture and analyze data, and to create health information for healthcare delivery use, financial and management planning. The program is one of only four Canadian Health Information Management Association (CHIMA) recognized college diploma programs available in Ontario.

Massage Therapy

The program provides an exceptional learning environment with diverse applied experience opportunities. You will provide therapeutic treatments to a variety of clients at the Spa + Clinic at Fleming College, located at the Sutherland Campus, Peterborough.

Occupational Therapist Assistant and Physiotherapist Assistant PPE

Cross-train for both career options in this deliberately broad-based program, which includes a minimum of 500 hours of clinical training.

Pharmacy Technician PPE

Prepare for a career as a valued member of a pharmacist's healthcare team with practical training in our pharmacy lab and two work placements in different settings.

Recreation and Leisure Services

Graduate with recreation program development skills and managerial skills. Includes a four-month placement. Pathways can lead to a dual diploma with Fitness and Health Promotion and entry into Brock University's Recreation and Leisure Studies degree.

POST-GRADUATE CERTIFICATE

Therapeutic Recreation PPE

A combination of on-campus and online courses prepares you for a career providing personalized therapeutic tools for clients with disabilities or illnesses. Includes a full-semester field placement.

CERTIFICATE (PROGRAM CODE)	LENGTH	START
Community Pharmacy Assistant NEW! (CPH)	3 semesters	Sep
Personal Support Worker (PWS)	2 semesters	Sep/Jan/May
DIPLOMAS (PROGRAM CODE)	LENGTH	START
Biotechnology - Advanced (BTF)	5 semesters	Sep/Jan
Esthetician (EST)	3 semesters	Sep/Jan/May
Fitness and Health Promotion (FHP)	4 semesters	Sep
Health Information Management (HIM)	4 semesters	Sep
Massage Therapy (Compressed) (MAC)	5 semesters	Sep
Occupational Therapist Assistant and Physiotherapist Assistant (POA)	4 semesters	Sep
Pharmacy Technician (PHM)	4 semesters	Sep
Recreation and Leisure Services (RLS)	4 semesters	Sep
POST-GRADUATE CERTIFICATE (PROGRAM CODE)	LENGTH	START
Therapeutic Recreation (THR)	3 semesters	Sep



Serving your community can be an inspiring and rewarding career.

You'll make an impact, whether that's delivering a broad range of social services to families, children and youth in a variety of circumstances, or working in the education sector, supporting special-needs students and young children.

What sets us apart will help you stand out.

- Extensive experiential learning, certifications and specialized skills
- Gain a global perspective participate in International Community Development projects

DIPLOMAS

Child and Youth Care

Work in a rewarding career helping troubled children, adolescents and families. Includes three field placements and courses on innovative and best practices. Grads are eligible to join the Ontario Association of Child and Youth Counsellors.

Developmental Services Worker

Provide individualized support for people of all ages with intellectual disabilities. Includes 3 field placements in different settings. Graduates are eligible for professional association memberships.

Early Childhood Education

Support a child's growth and development with creative play-based learning. Extensive skills development includes practicums, an interactive children's program and a team project "Creating Your Own Childcare."

Educational Support

Our updated curriculum prepares you to work as part of an educational team that supports children with a diverse range of abilities. Includes extensive work placements and training on multiple advanced classroom technologies.

Fenna: Passionate about helping people live their best lives.



I love being my own boss and the program helped me to focus on my passion which is one-to-one care. I can't imagine not being in my clients' lives in some way.

- Fenna Green, alumnus, Developmental Services Worker (DSW)

Fenna's story: flemingcollege.ca/ready

DIPLOMA (PROGRAM CODE)	LENGTH	START
Child and Youth Care (CYW)	6 semesters	Sep/Jan
Developmental Services Worker (DSW)	4 semesters	Sep
Early Childhood Education (EC)	4 semesters	Sep/Jan
Educational Support (ED)	4 semesters	Sep
Social Service Worker (SW)	4 semesters	Sep/Jan/May



Successful, sustainable careers start here.

Progressive curriculum equips you with technical and life skills including mental health strategies, personal resilience competencies, leadership training, ethics courses and communication skills.

- Live-action training and real-world simulation scenarios on campus + hands-on placement experience.
- Explore your career options with our common first semester (see page 31 for details)

DIPLOMAS

Community and Justice Services

Prepare for front-line work with at-risk youth, or adults involved or at risk of becoming involved in the criminal justice system, child welfare or mental health services systems. Includes a 14-week field placement.

Customs Border Services

Prepare for a career on the front line of global trade and law enforcement. Includes a field placement.

Law Clerk

Gain extensive training to assist lawyers and paralegals in their work. Take one additional semester and graduate with dual diplomas of Law Clerk and Paralegal. Includes a 100-hour field placement.

Paralegal

This accredited program trains you in the theoretical and practical requirements of the Law Society of Upper Canada and prepares you to write the Society's licensing exam. Paralegals are permitted to provide services directly to the public, or work under the direction of a lawyer.

Police Foundations

Train to deal with the wide range of situations encountered in policing and civil policing careers. Includes innovative curriculum in mental health and communication skills and a field placement.

Protection, Security and Investigation

More than just security officer training, this program includes a focus on new concepts in technology, project work with community partners and a field placement.

Sam: Ready to protect animals.

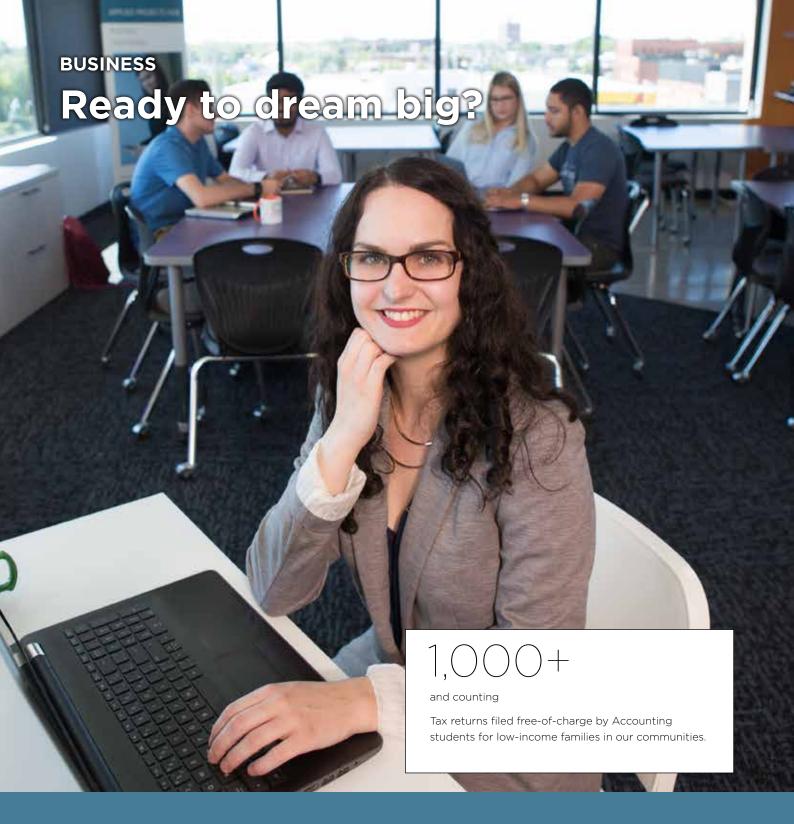


I loved the fast-paced, exciting nature of surveillance and the practical training we received through the Protection, Security and Investigation program. Things like reenactments in the courtroom really prepare you for what to expect in the real world, and the professors brought everything to life by sharing their stories and experiences from their careers.

- Sam Delahaye, Animal Control Officer, Peterborough Humane Society

DIPLOMA (PROGRAM CODE)	LENGTH	START
Community and Justice Services (CJS)	4 semesters +	Sep/Jan
Customs Border Services (CBS)	4 semesters +	Sep/Jan
Law Clerk (LCK)	4 semesters +	Sep/Jan
Paralegal (PLG)	4 semesters +	Sep/Jan
Police Foundations (PF)	4 semesters +	Sep/Jan
Protection, Security and Investigation (LSR)	4 semesters +	Sep/Jan

⁺ Common first semester



A dynamic school with small class sizes.

Smaller classes help foster close ties to faculty and classmates. We'll help you discover your business specialty; you'll build lifelong friendships, and a future network of industry contacts and colleagues.

- Top-tier programs taught by expert faculty.
- Get hired, or start your own enterprise. You'll have the hands-on, real-world experience, entrepreneurial thinking, and strong communication skills to succeed.
- Pursue degree studies here in Canada or go abroad.

Jo: Ready to lead the team.



I had heard of Enactus before coming to Canada and the spirit of people at the Regionals, Nationals and World Cup inspired me to join the organization. I presented at the regional pitch and now, in my new role as President of Enactus Fleming College, I am helping prepare the team for a national pitch in Vancouver.

- Jo Ho, Global Business Management student

Enactus is a student-led entrepreneurial club where students apply their entrepreneurship skills to impact the economic growth of international communities, and start a business on campus.

2 semesters

2 semesters

Jo's story: flemingcollege.ca/ready

COMMON FIRST YEAR

Our core business programs share a common first year of study which allows you to seamlessly transfer to another program at the end of your first or second semester. (Accounting programs share a common first semester.) You can move into a different business specialty, fully prepared to build on the essential skills acquired in year one.

DIPLOMAS (PROGRAM CODE)	LENGTH	START
	==::-:::	
Accounting (BAC)	4 semesters+	Sep/Jan
Business (GBE)	4 semesters+ +	Sep/Jan
Business Administration* (BAD)	6 semesters+ +	Sep/Jan
Business Administration - Accounting* (BAB)	6 semesters+	Sep/Jan
Business Administration - Human Resources Management* (BAH)	6 semesters+ +	Sep/Jan
Business Administration - Marketing (BAA)	6 semesters+ +	Sep/Jan
Business - Human Resources NEW! (BHC)	4 semesters+ +	Sep/Jan
Hospitality - Hotel and Restaurant Operations (HTR)	4 semesters	Sep/Jan
Office Administration - Executive (OAE)	3 semesters	Sep
Sporting Goods (SG)	4 semesters	Sep
Tourism - Global Travel (TV)	4 semesters	Sep/Jan
POST-GRADUATE CERTIFICATES (PROGRAM CODE)	LENGTH	START
Global Business Management (GBS)	4 semesters	Sep/Jan
International Business Management (IBM)	2 semesters	Sep/Jan

- * Advanced Diploma.
- + Common first semester,

Project Management (PMG)

Supply Chain Management - Global Logistics **NEW!** (SLC)

+ + Common first year

Sep/Jan/May

Sep

DIPLOMAS

Accounting

Graduate with options into your accounting career. Start work in entry level positions, gain résumébuilding work experience with a third year in the Business Administration – Accounting program or obtain a university degree and pursue your Chartered Professional Accountant designation with just two more years at Trent University or Ontario Tech University.

Business

Gain first-hand exposure to the business world through work placements, simulation scenarios, case studies, as well as group and independent studies.

Business Administration

A focus on key business functions and team-based management will give you in-demand skills. Includes a 140-hour work placement.

Business Administration - Accounting

A third year of study after the common curriculum with the Accounting program gives you résumé-building experience through a 14-week work placement and a full-cycle accounting simulation.

Business Administration - Human Resources Management

A third year of study after the common curriculum with the Business-Human Resources program gives you two additional HRPA-approved courses to write the exam for CHRP designation and a full-semester placement.

Business Administration - Marketing

Graduate with a deep knowledge of strategy, planning emerging technologies in a wide variety of marketing areas. Includes an applied project with a community partner.

Business - Human Resources NEW!

Fundamental business knowledge and specialized human resources skills will launch your career in HR. Includes seven HRPA approved courses to write the exam for CHRP designation.

Hospitality - Hotel and Restaurant Operations

Graduate with leadership and practical skills for a wide variety of roles in the global hospitality industry. Includes a work placement. Optional second diploma in Tourism – Global Travel or General Business in just two more semesters.

Sporting Goods Business 🚾

This program is on the cutting-edge of sporting goods trends. With strong connections to major sporting goods companies, graduates find work in retail management, supplier-side sales, customer service, marketing or product management.

Tourism - Global Travel

Graduate with leadership and practical skills to work in a wide variety of tourism fields. Includes a work placement. Optional second diploma in Business or Hospitality in one additional year.

POST-GRADUATE CERTIFICATES

Global Business Management FC

Gain business expertise, concrete managerial skills, cultural intelligence and cutting-edge technical knowledge in fields like supply chain management, international finance and accounting. Includes a full semester applied project with an industry partner.

International Business Management

Acquire the skills to compete on a global scale with courses on international business, innovation, leadership and corporate social responsibility as well as case studies, guest speakers and field trips.

Project Management

Gain project management skills that are in demand across many sectors and prepare you to write the CAPM® and PMP® professional designation exams. Includes an applied project with an industry partner.

Supply Chain Management

- Global Logistics NEW!

Fleming is the only college in Ontario to offer the Canadian International Freight Forwarding Association (CIFFA) certificate as part of this program. Extensive hands-on training, applied research projects and international case study competitions will develop the skills that are highly sought-after by employers.

FC = Unique program offered at Fleming College



Hands-on training in world-class facilities.

The curriculum incorporates the latest tools and techniques to ensure you get a head start on your career.

Strong industry partnerships help you gain real-world experience through applied and community-based projects.

Dedicated faculty and staff have the expertise and knowledge to ensure your success.

A range of options - from two-semester certificates to advanced diplomas - lets you choose the path that best suits you.



Mark: Ready to win.

I absolutely loved going to the (Ontario Skills) Competition. The vibe of the whole event is that of prestige and pride in the trades. Being in a room with the best welders in college and going headto-head with all of them is exhilarating.

> - Mark Melong, 2019 Ontario Skills Competition gold medal winner in Metal Fabrication and bronze medal winner in Welding

CERTIFICATES (PROGRAM CODE)	LENGTH	START
Carpentry and Renovation Techniques (CNS)	2 semesters	Sep/Jan
Culinary Skills (CHT)	2 semesters	Sep/Jan
Electrical Techniques (ETQ)	2 semesters	Sep/Jan
Mechanical Techniques - Plumbing (PLM)	2 semesters	Sep/Jan
Trades Fundamentals (TTF)	2 semesters	Sep
Welding Techniques (WTQ)	2 semesters	Sep/Jan
DIPLOMAS (PROGRAM CODE)	LENGTH	START
Carpentry and Renovation Technician (CPT)	4 semesters	Sep
Computer Engineering Technician (CTN)	4 semesters	Sep
Computer Engineering Technology (CTY)	6 semesters	Sep
Computer Security and Investigations (CSI)	6 semesters	Sep/Jan
Construction Engineering Technician (CET)	4 semesters	Sep
Culinary Management (CM)	4 semesters	Sep/Jan
Electrical Engineering Technician (EE)	4 semesters	Sep/Jan
Heating, Refrigeration and Air Conditioning (HVT)	45 weeks	Sep/Jan/May
Instrumentation and Control Engineering Technician (INT)	4 semesters	Sep
Welding and Fabrication Technician (WFT)	4 semesters	Sep
POST-GRADUATE CERTIFICATE (PROGRAM CODE)	LENGTH	START
Geothermal Systems NEW! (GES)*	2 semesters	Jan
Mechatronics NEW! (MTY)	3 semesters	Jan
Wireless Information Networking (WIN)	4 semesters	Sep/Jan/May

^{*} This program is co-hosted with the School of Environmental and Natural Resource Sciences at our Frost Campus. Please see the website for full details.

CERTIFICATES

Carpentry and Renovation Technician PPE

Graduate with the requirements for general carpenter apprentice level two and a career in the renovation and construction field. You will gain business and home renovation skills that include entrepreneurial skills, custom millwork, basic plumbing, wiring and drywalling.

Culinary Skills PPE

Start your culinary career with leadership skills and the artistry of creating dishes for entry-level employment as a cook or assistant cook.

Electrical Techniques PPE

Develop basic skills in electricity, network cabling and electrical system installation as a pathway to a variety of occupations or further training in electronics as well as electrical mechanical and electrical apprenticeships.

Mechanical Techniques - Plumbing PPE

Learn basic skills for work installing, maintaining and repairing piping systems. Graduates qualify for exemption from Level One basic in-class portion of the plumbing apprenticeship and can obtain industry-recognized certifications, including the Operation of Small Drinking Water Systems course.

Trades Fundamentals PPE

This program provides a sampler of basic level construction and trades skills and a pathway with transfer credits to several Fleming College trades programs.

Welding Techniques PPE

Enter the welding trade's vast employment and specialization opportunities or continue to the second year of the Welding and Fabrication Technician diploma program. Graduates can challenge two welding certifications (SMAW 1GF and 2GF) from the Canadian Welding Bureau.

DIPLOMAS

Computer Engineering Technician/Technology PPE

Learn to program, support and troubleshoot computer hardware and software and prepare for several industry certification exams. Technologists add analysis, design and project management to their technology skills. The OACETT recognizes our programs as meeting all the requirements for certification in the Certified Engineering Technician/Technologists categories.

Computer Security and Investigations PPE FC

This program is unique in Ontario. Gain the necessary knowledge and skills to take a leadership role in the protection and security of information technology. Includes an applied project or co-op field placement.

Construction Engineering Technician PPE

Train to assist in the management of all phases of residential, small commercial and industrial construction projects. Your capstone project is a professional portfolio documenting your technical knowledge and applied experiences.

Culinary Management PPE

This entry into a culinary career includes management and business skills alongside practical culinary training. With the optional Co-op Diploma Apprenticeship-Culinary you can graduate with a diploma and your Certificate of Qualification – Red Seal.

Electrical Engineering Technician PPE

Electrical and electronic theory and practice will train you for an entry position or apprenticeship in the electrical industry. With eight more courses you can earn a diploma in Instrumentation and Control Engineering Technician.

Heating, Refrigeration and Air Conditioning Technician PPE

This hands-on program emphasizes renewable, sustainable and alternative energy efficient practices. Qualified students can apply to write certificates of qualification for Oil Burner Technician (OBT-3, OBT-2) and Gas Technician (G-3, G-2).

Instrumentation and Control Engineering Technician PPE

Prepare for a career as a technician for complex measurement and control systems. Your in-demand skills will be developed in our well-equipped 8,000 square feet facility. Optional competitive summer coop. Earn an Electrical Engineering Technician diploma with eight more courses.

Welding and Fabrication Technician PPE

Gain hands-on experience in all major welding processes and metal cutting techniques for entry-level positions. Qualified students can challenge several welding certificates from the Canadian Welding Bureau.

POST-GRAD

Geothermal Systems NEW! FC

The only program of its kind in North America. It offers a unique blend of both hands-on training in drilling and installation of the geothermal loop field as well as the installation, repair and maintenance of hydronic systems within buildings.

Mechatronics NEW! PPE FC

The only post-graduate program of its kind in Ontario, this unique interdisciplinary engineering program focuses on advanced manufacturing, industrial automation, electronics engineering, and computer programming. Includes leading-edge lab courses and a real-world applied project.

Wireless Information Networking PPE FC

Train to become an in-demand professional who can develop and implement solutions for the configuration and integration of wireless devices and networks with wired networks. This hands-on program includes a two-semester applied project solving a real-life industry problem.

FC = Unique program offered at Fleming College

PPE = Personal Protection Equipment required, to be purchased after program start (not included in tuition).



Art can take you there.

Learn at campuses that provide a one-of-a kind, hands-on studio experience. Build a solid portfolio to take you to the next step – advanced studies, embarking on a career, or starting your own practice.

Experiential Learning opportunities and expert faculty will help you become the creative person and professional you are meant to be.

We're known for providing unique and flexible programs taught by professionals who have shaped art, craft, design, media and heritage studies in Canada. No other college offers students this breadth of creative programming.



100%
ACCELERATED, FLEXIBLE FORMAT

600+

15 WEEKS
= 2 FULL-TIME SEMESTERS

15
AVERAGE CLASS SIZE



DIPLOMAS

Integrated Design PPE FC

The only design foundation program of its kind in Canada combines design principles, theory, history and processes. Intensive studio time, where you explore a broad range of material practices and design categories, will help you discover your design talent and interests. Exceptional experiences have included the exhibition of student works in the WantedDesign exhibition in New York.

Visual and Creative Arts Diploma (VCAD) PPE

In this immersive program, you will start with a foundational year of broad skills essential in making any form of art, then choose a studio-intensive discipline (painting, jewellery, photography, digital image design, moving image design, glassblowing, ceramics, fibre arts or artist blacksmithing).

POST-GRADUATE CERTIFICATES

These programs are delivered in Peterborough at the Sutherland Campus and Peterborough Museum & Archives:

Cultural Heritage Conservation and Management PPE FC

This is one of the only college-level post-graduate programs of its kind in Canada. Through extensive hands-on experiences and an intensive, fast-paced curriculum you will learn a wide range of techniques to preserve and conserve museum materials. Includes an unpaid internship.

Museum Management and Curatorship PPE FC

Developed in consultation with museums and heritage organizations, this time-intensive program includes labs, site visits, in situ applied projects and valuable hands-on learning. Final semester is an unpaid internship.

PPE = Unique program offered at Fleming College **PPE** = Personal Protection Equipment required, to be purchased after program start (not included in tuition).

DIPLOMAS (PROGRAM CODE)	LENGTH	START
Integrated Design (IND)	3 semesters	Sep
Visual and Creative Arts (VCA)	3 semesters	Sep

POST-GRADUATE CERTIFICATES (PROGRAM CODE)	LENGTH	START
Cultural Heritage Conservation and Management (CHM)	4 semesters	Sep
Museum Management and Curatorship (ACM)	3 semesters	Sep

ENGLISH AS A SECOND LANGUAGE BRIDGE (ELB) PROGRAM



We recommend that new students take our ELB placement test on campus. Applicants may also provide a recent IELTS or TOEFL score upon admission and be placed directly into an ELB level.

For maximum learning, students will be placed in the ELB level that corresponds to their lowest individual skill score or, where appropriate, according to the level the program believes is most suitable, regardless of IELTS or TOEFL results.

ELB STARTING LEVEL	IELTS	TOEFL (IBT)
1	2.0	0-31
2	2.5	0-31
3	3.0	0-31
4	3.5	0-31
5	4.0	32-34
6	4.5	35-45
7	5.0	46-59
8	5.5	60-78

FROM LEVEL 8 INTO A FLEMING PROGRAM

To enter into a Fleming College program, students must meet the program-specific admissions requirements and achieve the following in the English as a Second Language Bridge program:

- For post-secondary diplomas and certificates: minimum of 70% on course work and on the exit test.
- For post-graduate programs: minimum of 80% on course work and on the exit test.

ELB PROGRAM DATES			
2020			
September 1	_	October 23	
October 26	-	December 18	
2021			
January 4	-	February 26	
March 1	-	April 23	
May 3	-	June 25	
June 28	_	August 20	

levels of English skills development

30 minutes weekly private tutoring

23
hours weekly instructor-led classes

40+
off-campus field
trips in 2018/2019

COMMON FIRST SEMESTER

Are you looking for flexibility and a chance to explore your academic options? Core diploma programs in the School of Justice and Community Development and the School of Environmental and Natural Resource Sciences share a common first semester while most diploma programs within our School of Business share a common first year. Through these foundational courses, you will discover the career options available in the different program areas, while you acquire a base of knowledge and transferable, fundamental skills. You might find that a different program is more suited to your goals and interests. You will be able to transfer into your preferred program, depending on enrolment capacity and academic requirements.

6programs in Law and Justice

programs in Environmental and Natural Resource Sciences

5 programs in Business

PATHWAYS

Our many transfer agreements with other institutions allow you to start at Fleming, and then pursue a university degree or other credential elsewhere. Fleming has articulation and credit transfer opportunities with both domestic and international post-secondary institutions.

5 countries

48
partner institutions

600+
external pathways

35+

opportunities to complete a diploma and degree in just four years.

5

of our academic Schools offer dual diploma options including:

Social Service Worker

+ Mental Health and Addiction Worker

Hospitality - Hotel and Restaurant Operations

+ Tourism - Global Travel

Forestry Technician

+ Ecosystem Management Technician

Electrical Engineering Technician

+ Instrumentation and Control Engineering
Technician

Fitness and Health Promotion

+ Recreation and Leisure Services

2x

Double the Power of your Diploma

Many of our two-year diploma programs offer opportunities to obtain a second diploma within the same School with just one or two more semesters of study. Add another specialization to your skill set and increase your career prospects.

flemingcollege.ca/education-pathways

MINIMUM ADMISSION REQUIREMENTS

	LANGUAGE REQUIREMENTS		ACADEMIC REQUIREMENTS
Diplomas and Certificates	IELTS 6.0 (No band less than 5.5. Applicants from India: no band less than 6.0)	TOEFL 79	High school diploma
Post-Graduate Certificates	IELTS 6.5 (no band less than 6.0)	TOEFL 90	College diploma or university degree in a program-related field

PROGRAM-SPECIFIC ACADEMIC REQUIREMENTS

Applicants to the following programs must complete grade 12 (or equivalent) courses in the listed subjects.

ACADEMIC PROGRAM (CODE)	REQUIRED		
Biotechnology - Advanced (BTF)	Math, 2 different sciences		
Computer Engineering Technician (CTN)	Math		
Computer Engineering Technology (CTY)	Math		
Computer Security and Investigations (CSI)	Math		
Conservation Biology Technician NEW!	Math (Biology, Chemistry recommended)		
Cultural Heritage Conservation and Management (CHM)	Chemistry		
Earth Resources Technician Co-op (ERT)	Math		
Ecological Restoration (ERJ)	Math, Science		
Ecosystem Management Technician (EMT)	Math		
Ecosystem Management Technology (EMX)	Math		
Electrical Engineering Technician (EE)	Math (Grade 11 or 12)		
Environmental Technician/Optional Co-op (ETN)	Math		
Environmental Technology (ETY)	Math		
Fish and Wildlife Technician/Optional Co-op (BO)	Math		
Fish and Wildlife Technology (FW)	Math		
Forestry Technician/Optional Co-op (FT)	Math		
Health Information Management (HIM)	Math, 2 different sciences		
Instrumentation and Control Engineering Technician (INT)	Math (Grade 11 or 12)		
Massage Therapy (Compressed) (MAC)	2 Sciences		
Mechatronics (MTY)	Differential and Integral Calculus (min. grade of 70% or equivalent)		
Occupational Therapist Assistant and Physiotherapist Assistant (POA)	2 Sciences		
Pharmacy Technician (PHM)	Math, Chemistry, Biology		
Resources Drilling Technician/Optional Co-op (RDB)	Math		

PROGRAM-SPECIFIC LANGUAGE REQUIREMENTS

ACADEMIC PROGRAM	IELTS	TOEFL
Pharmacy Technician	6.5 (no band	90
(PHM)	less than 6.0)	

ACADEMIC START DATES

TERM	START DATE	
Fall Term	September 8, 2020	
Winter Term	January 11, 2021	
Spring Term	May 10, 2021	

For Start Dates for the English Language Bridge (ELB) program, please see page 30.

MERIT-BASED SCHOLARSHIP PROGRAM NEW!

Scholarships will be awarded to international students who have entered Semester 2 and who have just completed Semester 1 of their study. Eligibility will be based on Semester 1 Grade Point Average (GPA). These are the eligible GPA ranges and scholarship values:

LETTED	PERCENTAGE GRADE RANGE	GRADE POINT AVERAGE (GPA) RANGE	SCHOLARSHIP AMOUNTS	
GRADE			STUDENTS IN ONE-YEAR PROGRAMS	STUDENTS IN TWO- OR THREE-YEAR PROGRAMS
A +	90-100	4.0	\$1,000	\$2,000
Α	85-89	3.8-3.999	\$500	\$1,000

Scholarships will be awarded in rank order of Semester 1 GPA until all funding on reserve for the given semester is exhausted or until all who qualify have been awarded.



Fleming College

Location: Central Ontario,

130 km northeast of Toronto

Campuses: Peterborough

Lindsay Haliburton Cobourg

Full-time Programs: 100+

Full-time Students: 6,800+

- Certificates
- Diplomas
- Advanced Diplomas
- Graduate Certificates
- Joint Diplomas/Degrees

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