



2012 graduate certificate and compressed fast-track programs

Develop skills that will open doors and advance your career in just one year or less!

Programs at-a-glance

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Graduate certificate programs

These programs are designed for individuals with a related college diploma, university degree or experience in a relevant field. Thinking about taking your career or post-secondary education to the next level? In just one year or less, Durham College's graduate certificate programs offer industry professionals and college and university graduates an invaluable opportunity to obtain additional skills, hands-on experience and specific credentials in their chosen fields.

Compressed fast-track programs

Durham College's compressed fast-track programs are specifically designed for domestic and international applicants with a Bachelor of Science (BSc) or Bachelor of Engineering (BEng) degree from an accredited university. In just two semesters, you can complete your three-year diploma requirements, advance your skills and expand your career opportunities.

Our programs are continually shaped by market needs and delivered by exceptional professors who offer students a wealth of knowledge from their respective fields. In addition, students have the opportunity to learn using the same technology they'll find in the workplace.

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www.durhamcollege.ca/grad

Please note: this publication is an overview of programs and their entrance requirements, please visit www.durhamcollege.ca/programs for the most up-to-date information.



Accessibility Coordination – NEW

ACCESSIBILITY CAN CHANGE A DISABILITY INTO AN ABILITY

With the importance of employing professionals with specialized skills and knowledge in accessibility expected to steadily increase, this program will allow you to gain expertise in equal access, structural accommodations and accessibility barriers in just eight months. With a commitment to positively impacting the lives of those who are affected, accessibility co-ordinators work with organizations and businesses to ensure accessibility for everyone. Accessibility Coordination, the only program of its kind in Ontario, is designed to give you the knowledge required to implement and maintain accessibility standards for organizations including the legislated requirements of the Accessibility for Ontarians with Disabilities Act.

ENTRANCE REQUIREMENTS:

- University degree or college diploma with an emphasis on areas such as human, health or social services; structural, civil or urban planning; engineering or architecture; project and facility management; and business or recreation; and/or
 - Five years of relevant experience or equivalent.
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Addictions and Mental Health

LEAD PEOPLE TO A HEALTHIER, CLEANER LIFE

With approximately 20 per cent of people suffering from a mental disorder and a co-occurring substance-use problem, the world needs people to help those who can't yet help themselves. A highly specialized program developed in consultation with recognized experts in the fields of addiction and mental health, this program will give you the specific skill set required to work with client populations affected by addictive behaviour and/or mental health-related issues. You will be trained to work in addiction/mental health-specific settings and the broad spectrum of social or health service agencies where these issues are addressed.

ENTRANCE REQUIREMENTS:

- College diploma in a human services specialty area or university degree in human, health or social services with a minimum grade point average (GPA) of 2.5 or 65 per cent;
 - Minimum of one full credit in a post-secondary psychology course or its equivalent;
 - Resumé listing work experience; and
 - Working knowledge of Microsoft Office or equivalent (recommended).
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Advanced Law Enforcement and Investigations

LAYING DOWN THE LAW

Advanced Law Enforcement and Investigations will teach you the specialized knowledge and skills required to work as a law enforcement officer with supervisory-level knowledge and attributes. Combining practical application of law enforcement with advanced fitness training, forensic security and conflict management, this program will enable you to earn additional professional certifications and extend your career into other levels of law enforcement. Whether you choose to join an investigation agency or private security firm or work in government law enforcement, your experience and newly acquired skills will give you the edge you need.

ENTRANCE REQUIREMENTS:

- Recognized college diploma or university degree with a cumulative GPA of 3.0; or
- Related work experience.



Communicative Disorders Assistant

A MATTER OF SPEECH

For people struggling with a communication disorder often all it takes is a good listener equipped with effective skills and training to help them get their words out. Communicative disorders assistants work with speech pathologists and audiologists to help implement effective treatment plans designed to help people of all ages learn to communicate more easily and comfortably. This program teaches the most current and effective therapy techniques and will prepare you for a rewarding career working with individuals with speech, language or hearing disorders.

ENTRANCE REQUIREMENTS:

- Two-year college diploma or three- or four-year university degree with an emphasis on communication disorders, linguistics, psychology, physiology, social sciences and/or human services curriculum;
- Letter of intent;
- Maximum of three letters of reference; and
- Resumé listing work and volunteer experience.



Critical Care Nursing (e-learning)

FAST-PACED, HIGH-TECH AND CHALLENGING CARE

Despite the time, commitment and hard work nurses contribute to the medical community, many continue to look for ways to extend the important impact they have on the health-care sector. Responsible for the most vulnerable of patients, critical care nurses thrive on change and vigilantly monitor, assess and treat the critically ill, always ready for the next challenge. This program offers flexible professional development regardless of your location, shift pattern or other commitments by combining a series of theoretical courses offered online with a critical care simulation component and hands-on preceptor experience in an intensive care unit.

ENTRANCE REQUIREMENTS:

Proof of registration as a registered nurse in good standing with the College of Nurses of Ontario.

Note: registered nurses from other provinces should contact the School of Health & Community Services at 905.721.2000 ext. 3080.

Emergency Management – NEW

WHO DO YOU TURN TO IN AN EMERGENCY?

On average Canadian communities have experienced some sort of disaster every two months for the past 100 years. Whether it's a blackout, flooding, chemical spill, earthquake or terrorist attack, emergency management workers are the people responsible for effectively helping communities prevent, prepare for, respond to and recover from disasters of any magnitude. By offering you training and knowledge in fields related to emergency and disaster planning, this program will give you the multidisciplinary background needed to work with communities dealing with disasters and emergencies.

ENTRANCE REQUIREMENTS:

- Related Ontario college diploma/advanced diploma or university degree; and/or
- Related work experience; and
- Resumé listing work and volunteer experience.



Human Resources Management

SO MUCH MORE THAN REVIEWING A RESUMÉ

From recruitment and selection to training and development, human resources professionals are strategic partners in today's business environment. With a focus on labour relations, compensation management and health and safety skills, this program will give you the knowledge required to build and maintain businesses that operate like well-oiled machines while watching out for your biggest assets – employees!

ENTRANCE REQUIREMENTS:

- Three-year college diploma, university degree; or
- Minimum of three to five years of related business experience in a business setting (resumé and references); and
- Ontario Secondary School Diploma (OSSD).



Legal Research and Information Management – NEW

FIND THE MISSING PIECE

Legal research and information management requires attention to detail and a knack for gathering and piecing together the puzzle. This program will give you the knowledge and skills required to perform research and information management tasks for private businesses, non-for-profit enterprises and specialized library environments. Combining instruction in legal theory and substantive law with the development of advanced-level skills in managing and accessing information, you will use current technologies for acquiring, organizing, accessing and communicating legal information.

ENTRANCE REQUIREMENTS:

- College diploma or university degree in any justice, business, information technology, library or office administration field; and/or
- Five years of relevant experience or equivalent.

Mediation – Alternative Dispute Resolution

SOMETIMES IT JUST CAN'T BE SETTLED OVER COFFEE

Whether a dispute is big or small, an increasing number of businesses, communities and families are relying on alternative dispute resolution techniques to help settle issues before they reach the courtroom. Impartial, always willing to listen and trustworthy, mediators use various methods to open and improve conversations between disputants – effectively saving time, money and resources. This program will provide you with the skills and knowledge required to effectively deal with conflict in various settings and an in-house practicum that will enable you to participate in the operation of campus resolution services.

ENTRANCE REQUIREMENTS:

- Recognized college diploma or university degree; or
- Demonstration of equivalent experience to be reviewed by committee (see further details at www.durhamcollege.ca/mediation).

Paralegal

PASSION AND INTEGRITY GET THE JOB DONE

When somebody dealing with a legal matter goes searching for help their first choice is usually someone as dedicated to their case as they are. Accredited by the Law Society of Upper Canada, this program will prepare you for the paralegal licensing examination with the society, which graduates are eligible to write. It is designed to provide the specialized knowledge and skills required to deliver legal services as a licensed paralegal or work as a paralegal under the supervision of a lawyer.

ENTRANCE REQUIREMENTS:

- Legally related two-year college diploma or legally related university degree with a cumulative GPA of 3.0;
- Non-legally related two-year college diploma or university degree with at least three legally related courses; or
- Three to five years of related experience and an OSSD or equivalent (see further details at www.durhamcollege.ca/paralegalgc).



Paramedic – Advanced Care (hybrid delivery)

BEING A PARAMEDIC DOESN'T STOP AT DRIVING AN AMBULANCE

A life is on the line. Do you want to be the paramedic who arrives on the scene with the necessary tools and knowledge needed to save a life? Becoming an advanced care paramedic will give you the training and certification needed to help the injured, care for the critically ill or wounded and put everyone around you at ease. Through a flexible delivery model, you will obtain the majority of your classroom-based knowledge working within your own schedule.

ENTRANCE REQUIREMENTS:

- Attendance at a mandatory orientation session;
- Successful completion of a CMA-accredited Primary Care Paramedic program or equivalent; and
- Written evaluation/testing.

Sport Business Management

HIT A CAREER HOME RUN

Whether it's the pro, amateur or college/university sport industries, to be successful in the sport management field you need to have a unique combination of business skills and industry understanding. Sport managers work in many areas of this exciting and diverse industry, from pro to amateur teams, co-ordinating sporting events and working behind the scenes at some of the biggest venues in the world. This program provides advanced training through one semester of academics and one semester of internship. With a commitment to personal and professional achievement, it also offers numerous networking opportunities, an overnight leadership camp and a variety of experiential learning options.

ENTRANCE REQUIREMENTS:

- Three-year college diploma or university degree with a cumulative GPA of 2.5 or higher;
- Interview; and
- Relevant full-time career experience (may be considered).



VFX and Digital Cinema

CREATING ART ON THE BIG SCREEN

Visual effects (VFX) for movies and television are created by generating scenes through a combination of live action and computer-generated imagery. Concept artists imagine the scene, motion graphic artists create the characters, visual effect artists create the magic that brings it all to life and directors pull it together to give you a movie experience you'll never forget. This program will introduce you to the various techniques and technical processes used to create VFX for film and television and offer in-course projects that will create a finished portfolio including a demo reel and narrative short film.

ENTRANCE REQUIREMENTS:

- Media-related college diploma or university degree;
 - Personal profile (questionnaire);
 - Portfolio/demo reel; and
 - Demonstrated industry-related expertise.
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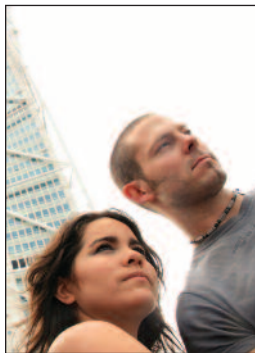
Victimology

ADVOCATE FOR VICTIM'S RIGHTS

Each day victims come forward to give statements that help convict criminals while dealing with the crimes committed against them and their family members. Victim advocates stand up for victims of crime and refer them to services that can help them rebuild their lives and regain their confidence. This program will give you specialized knowledge and skills in victimology including various types of crimes, identifying and assessing the needs of victims and delivering victim-service education to the community.

ENTRANCE REQUIREMENTS:

- Related college diploma or university degree;
 - Related work experience; and
 - Questionnaire completion and interview (may be required).
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Youth Corrections and Interventions

CHANGE DOESN'T HAPPEN OVERNIGHT

With nearly 165,000 youth accused of committing crimes each year, it's important that today's adolescents have someone they can turn to as a guide to a trouble-free future. Determined, passionate and patient, youth corrections and interventions officers combine their education and personality to make a positive impact on the lives of today's youth. With a balanced view of correction and treatment philosophies, this program will allow you to focus on the growing area of youth crime and intervention programs in our communities while learning skills in behaviour modification, counselling, crisis intervention and youth program design.

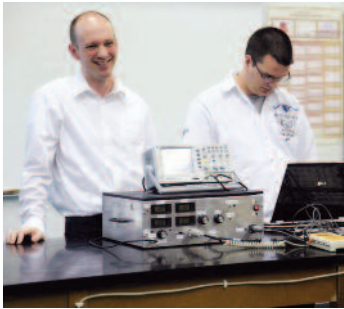
ENTRANCE REQUIREMENTS:

- Related college diploma or university degree;
- Related work experience; and
- Questionnaire completion and interview (may be required).

Compressed fast-track programs

Durham College's compressed fast-track programs are designed for applicants with existing academic credentials. Each present a unique opportunity for you to complete your three-year diploma requirements in as little as two semesters while learning the advanced skills necessary to expand your career opportunities.

Both domestic and internationally educated students who hold a BSc or BEng degree from an accredited university may be eligible to enrol in one of these programs.



Biomedical Engineering Technology

WANT TO BE MORE THAN AN ENGINEER?

If you have a BEng degree in electrical, biomedical or electronics, you can expand your knowledge of the biomedical engineering technology industry and complete your Biomedical Engineering Technology diploma requirements in only eight months. Learn in a state-of-the-art lab; become familiar with today's advanced medical equipment; and gain the skills required to install, test and maintain medical equipment as an essential member of a health-care team.

ENTRANCE REQUIREMENTS:

- BEng degree in electrical, biomedical or electronics from an accredited university;
- Official transcript demonstrating proof of successful completion of your degree program; and
- English skills assessment (may be required).

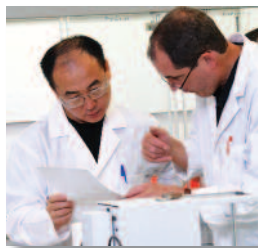
Biotechnology Technologist (Biotechnology Pharmaceutical)

IF THE LAB COAT FITS

If you have essential skills in biochemistry, cell biology and pharmaceuticals, this is a chance to expand your existing science knowledge and gain the skills needed to isolate and manipulate DNA and manufacture chemical products for use in health care, agriculture and environmental applications. In this program you will conduct extensive experiments in cell and molecular biology and apply them to real-world research projects to help you develop more advanced research, data management and communications skills. Whether you are bound for a lab, field or a manufacturing plant, you'll have the skills to launch a successful career in less than a year!

ENTRANCE REQUIREMENTS:

- BSc degree from an accredited university including two chemistry courses and one biochemistry course;
- Official transcript demonstrating proof of successful completion of your degree program;
- Course-by-course evaluation to demonstrate the required pre-admission courses indicated (international students);
- Interview (may be required to submit a transcript and resumé for review); and
- English skills assessment (may be required).



Chemical Engineering technology

SCIENCE IS EVERYTHING

Clothes, food, furniture, cars and pharmaceuticals. Take a look around you, chances are most of what you're seeing started out as a scientific discovery. This program focuses on the chemical conversion processes used in industry and their associated chemical principles. It will provide you with training and experience in handling, analyzing, monitoring and processing a wide variety of chemicals.

ENTRANCE REQUIREMENTS:

- BSc degree from an accredited university including two chemistry courses and one calculus course;
 - Official transcript demonstrating proof of successful completion of your degree program;
 - Course-by-course evaluation to demonstrate the required pre-admission courses indicated (international students);
 - English skills assessment (may be required); and
 - Interview.
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Electronics Engineering Technology

THE STUFF ROBOTS ARE MADE OF

With a degree in engineering, electronics engineering technology experts already understand what it takes to make machines work. Whether it's a state-of-the-art vacuum cleaner or a robot that supports efficiency, they have the knowledge and skills needed to maintain, operate, install and create machines that will advance our world in the 21st century. This program will provide you with theory and hands-on technical practice related to analog and digital electronic circuits and systems, internet infrastructure and protocol, data communications, telecommunication systems, robotics and programmable-logic-controller-based controls.

ENTRANCE REQUIREMENTS:

- BEng degree in Electrical or Electronics Engineering from an accredited university;
- Official transcript demonstrating proof of successful completion of your degree program;
- Course-by-course evaluation to demonstrate the required pre-admission courses indicated (international students);
- English skills assessment (may be required); and
- Interview (may be required to submit a transcript and resumé for review).



Environmental Technology

WORKING TO PROTECT OUR ENVIRONMENT

With an increased importance on global responsibility and social awareness regarding the need to protect our planet, environmental technologists continue to introduce new ways to keep our earth clean and green. This program focuses on the chemical and biological sciences as they relate to environmental pollution with an emphasis on ground and surface water quality, soil and waste management and recycling in urban and industrial settings. You will also examine environmental regulations and review their social and economic impacts on communities.

ENTRANCE REQUIREMENTS:

- BSc from an accredited university including two chemistry courses;
 - Course-by-course evaluation to demonstrate the required pre-admission courses indicated (international students);
 - English skills assessment (may be required); and
 - Interview (may be asked to submit a transcript and resumé for review).
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Pharmaceutical and Food Science Technology

SCIENCE AND FOOD WORKING HAND IN HAND

Before food hits the table and products stock the shelves they need to be tested to ensure they offer the nutrients you need. Combine your existing expertise with training in product development, analysis of food and processing operations to become part of the team that ensures food, cosmetics and pharmaceuticals are safe for consumers. This program will equip you with the skills needed to isolate and identify micro-organisms and screen for the purity and chemical composition of pharmaceutical products. Through hands-on experience in the methods and instrumentation used in the pharmaceutical and food science technology industry, you will learn to produce and safely test high-quality products.

ENTRANCE REQUIREMENTS:

- BSc degree from an accredited university including two chemistry courses;
- Official transcript demonstrating proof of successful completion of your degree program;
- Course-by-course evaluation demonstrating the required pre-admission courses indicated (international students);
- English skills assessment (may be required); and
- Interview (may be required to submit a transcript and resumé for review).





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