



**Lambton**  
College

CHANGE  
CHANGE  
EVER  
RYTHING  
RYTHING

Our grads  
are **ready**  
for anything.

# OPEN HOUSE

We can't wait to show you around!

See where the learning happens and how our students are changing everything.

» Saturday, November 21  
» Saturday, March 27

Visit [lambtoncollege.ca/openhouse](http://lambtoncollege.ca/openhouse) and RSVP for a chance to win a \$100 VISA Gift Card.



## Student Information

- 2 Program Advising
- 4 President's Message
- 6 Experience Sarnia
- 8 Experience Lambton
- 8 Fire Science Labs
- 10 Health, Business & Creative Design Labs
- 12 Technology & Trades Labs
- 14 Our Students - Changing Everything
- 16 Our Programs

- 78 Apprenticeships
- 80 Indigenous Students
- 82 Residence
- 84 Athletics & Fitness Complex
- 86 Internships, Co-ops & Placements
- 88 Pathways
- 90 Bursaries, Scholarships & OSAP
- 92 Applicants
- 94 Program Chart
- 96 How to Apply



## Program Information

### Business & Information Technology

- 18 Business
- 19 Business - Accounting
- 20 Business Administration
- 21 Business Administration - Accounting
- 26 Computer Programmer
- 28 Culinary Management
- 34 Esports Entrepreneurship & Administration
- 36 General Arts & Science - College Exploration
- 40 Liberal Studies
- 44 Office Administration - Executive
- 45 Office Administration - General
- 46 Office Administration - Health Services
- 51 Photography
- 64 Sports & Recreation Management
- 65 Tourism - Operations Management

- 47 Paramedic
- 48 Personal Support Worker
- 49 Personal Support Worker - Pre-Practical Nursing Pathway
- 50 Pharmacy Technician
- 54 Practical Nursing
- 56 Pre-Health Sciences Pathway to Advanced Diplomas & Degrees
- 57 Pre-Health Sciences Pathway to Certificates & Diplomas

### Technology & Trades

- 22 Chemical Laboratory Technology
- 23 Chemical Production & Power Engineering Technology
- 27 Construction Carpentry Techniques
- 31 Electrical Power Distribution & Control Technician
- 32 Electrical Techniques
- 33 Environmental Technician - Water & Wastewater Systems Operations
- 38 Heating, Refrigeration & Air Conditioning Technician
- 39 Instrumentation & Control Engineering Technology - Industrial Automation
- 42 Millwright Mechanical Technician
- 53 Power Engineering Technology
- 59 Pre-Trades & Technology
- 62 Renovation Construction Technician
- 66 Welding Techniques
- 67 Workplace Safety & Prevention

### Community Services

- 24 Child & Youth Care
- 25 Community Integration through Co-operative Education
- 29 Developmental Services Worker
- 30 Early Childhood Education
- 52 Police Foundations
- 55 Pre-Community Services
- 60 Protection, Security & Investigation
- 61 Recreation Therapy
- 63 Social Service Worker

### Creative Design

- 35 Esthetician
- 37 Hairstylist

### Fire Science

- 59 Pre-Service Firefighter Education & Training

### Health Sciences

- 17 Bachelor of Science - Nursing
- 41 Massage Therapy
- 43 Occupational Therapist Assistant & Physiotherapist Assistant

### Graduate Studies

- 70 Business Management
- 71 Business Management - International Business
- 72 Chemical Production & Power Engineering Technology - Accelerated
- 73 Communicative Disorders Assistant
- 74 Fire Science Technology
- 75 Instrumentation & Control Engineering Technology - Industrial Automation - Accelerated
- 76 Practical Nursing to Bachelor of Science - Nursing
- 77 Recreation Therapy - Accelerated

**Our program advising team is here to help.**

## Program Advising

We offer program advising all year round. Give us a call, an email or book online and we can talk to you about programs, help you decide what path to pursue or just help you navigate the college system in general.

## College Tours

From the comfort of your own home, or in person when it's safe to do so, we want to show you our beautiful campus! Visit our website to take a 360 Virtual Tour of our labs, classrooms, lecture spaces, common areas and student services.

When available, in person tours happen every Tuesday, Thursday and Friday at 2 p.m. and every last Thursday of the month at 6 p.m. We always recommend you book ahead so we can make sure you get to see every nook and cranny that is of particular interest to you.

## Live Chat

Do you have a question about a specific program, hands-on learning opportunities, admission requirements or how to apply? Our team are ready with all the answers live on our website, or via direct message on [f](#) Facebook or [@](#) Instagram. In Fall 2020 our team will be available some nights and weekends.

- » 519-541-2403
- » [lambtoncollege.ca/explore-the-campus](https://lambtoncollege.ca/explore-the-campus)
- » [info@lambtoncollege.ca](mailto:info@lambtoncollege.ca)

## Teachers and Guidance Counsellors

Our program advising team is here for you, too! We know it is hard to know everything about high school and post-secondary education – let us help make that transition easier.

Visit our website at [lambtoncollege.ca/educators-and-counsellors](https://lambtoncollege.ca/educators-and-counsellors) for information about Career Days, Tour Days and PD opportunities for subject-specific teachers. Let's change the future together.



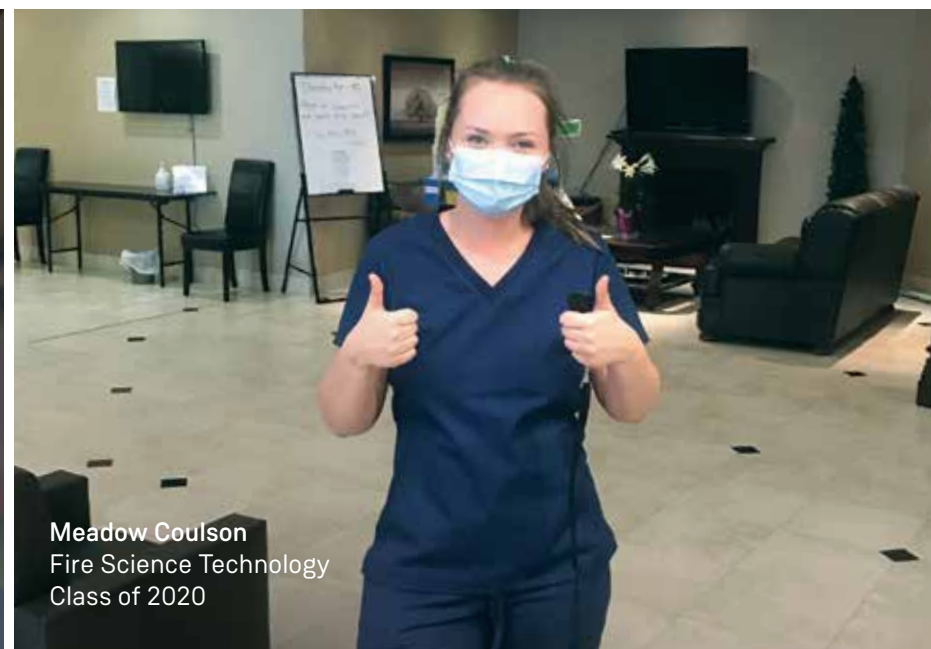


Samantha & Alexandra Lester  
Bachelor of Science – Nursing  
Class of 2020 | Year One

When called to help on the frontlines, our students and graduates stepped up without hesitation.



Jason Watts  
Sports & Recreation Management  
Class of 2020



Meadow Coulson  
Fire Science Technology  
Class of 2020



## Message from the President & CEO

For more than half a century, Lambton College has worked to provide innovative academic programming to meet the demands of a changing world.

Over the years, we have watched thousands of graduates collect hard-earned diplomas, before leaving our campus to go make their own mark on the world.

In recent years, we've focused on Lambton's leadership in the fourth industrial revolution and our ability to meet the rapid pace of emerging technologies, digital tools, and breakthroughs that have transformed the learning landscape of colleges.

This work prepared us well for 2020, when we found ourselves facing a global pandemic and had to adjust our entire teaching model. Not only were our students able to pivot to complete their courses in an alternate delivery, but when they were called to help on the front lines, they were ready.

Our slogan at Lambton College is Change Everything.

It is this mindset that helped us establish ourselves as a global leader in education and it is what inspires every student who steps onto our campus.

We know change is inevitable, and vital to growth, and because of this, we've learned to not only welcome it, but embrace it.

I remain in awe of how our students responded during COVID-19, with perseverance and determination: a determination to be successful regardless of the adversity. This ability to overcome in the face of adversity is something I am confident they will carry with them throughout their careers.

Change is an essential part of any transformation, and I welcome you to join us as we continue to work to define, lead, and implement initiatives that will change the world.

The past year has taught us that we cannot avoid change. In a world of constant economic, environmental and social change, Lambton College will continue to demonstrate the flexibility to adapt to unforeseen events and re-shape them as opportunities for our students and graduates.



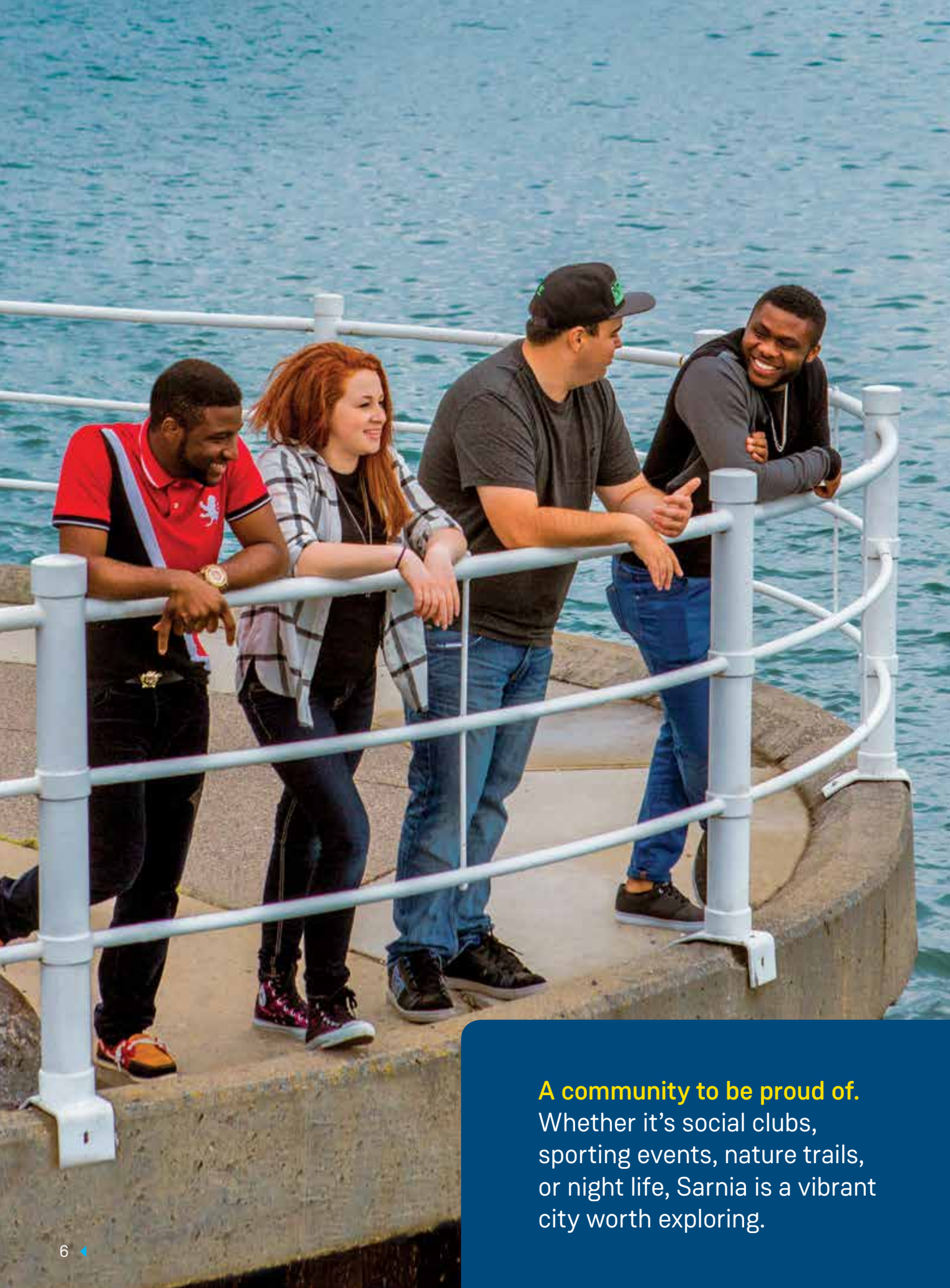
Judith Morris  
President & CEO, Lambton College

President's Message

# Sarnia

Our main campus is located in Sarnia, Ontario. Students should have no trouble experiencing the city on foot, by bike, by bus or by car.

With easy access to breweries, bars, pubs, coffee houses, galleries and independent shops, you'll have no problem filling your free time.



## A community to be proud of.

Whether it's social clubs, sporting events, nature trails, or night life, Sarnia is a vibrant city worth exploring.

Bring your bike. Bring your bathing suit. Bring your snow shoes. **Start exploring »**



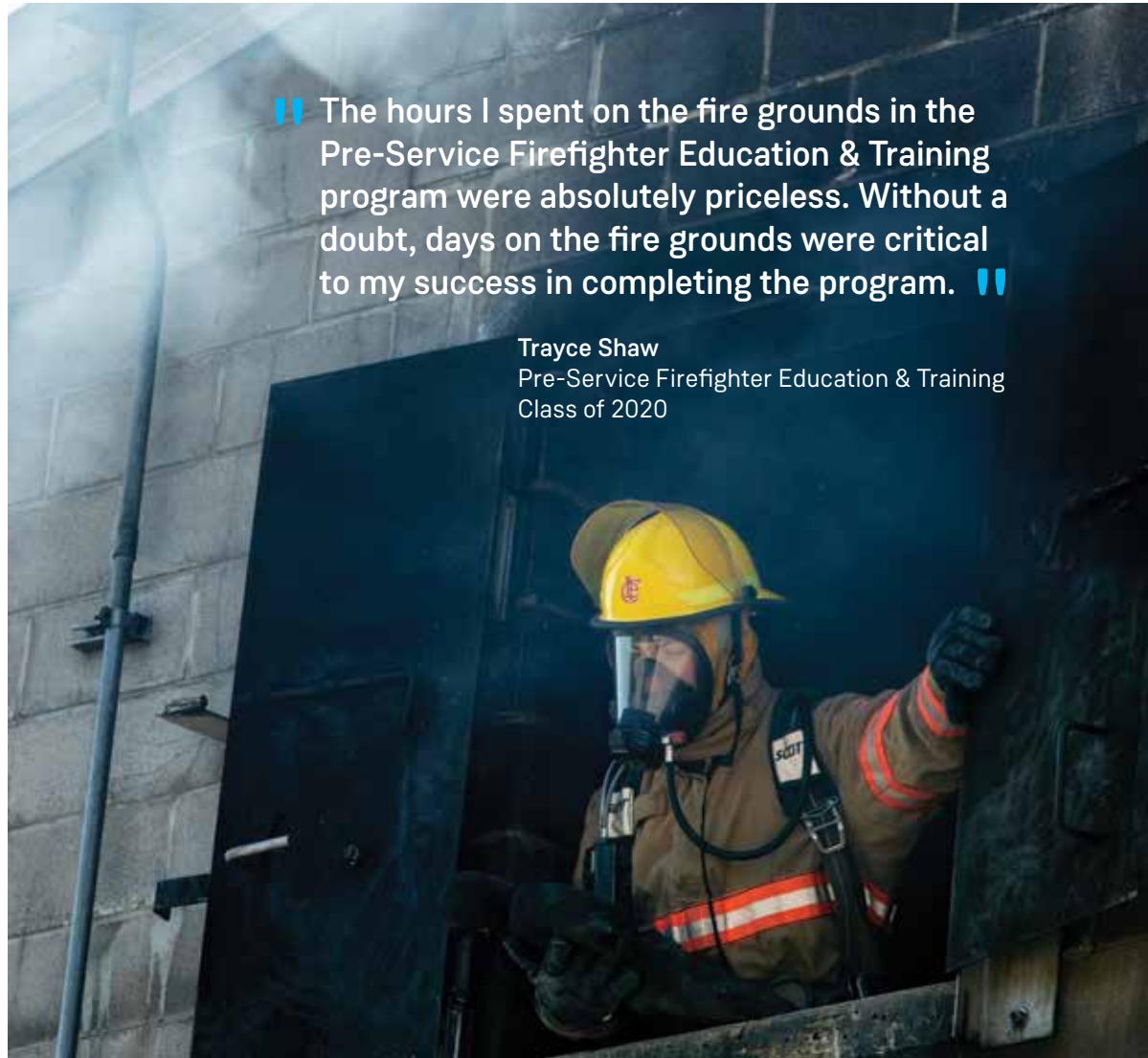
Students in the Fire Science programs develop their skills at a training facility unlike any other in Canada.

**The Fire School campus features:**

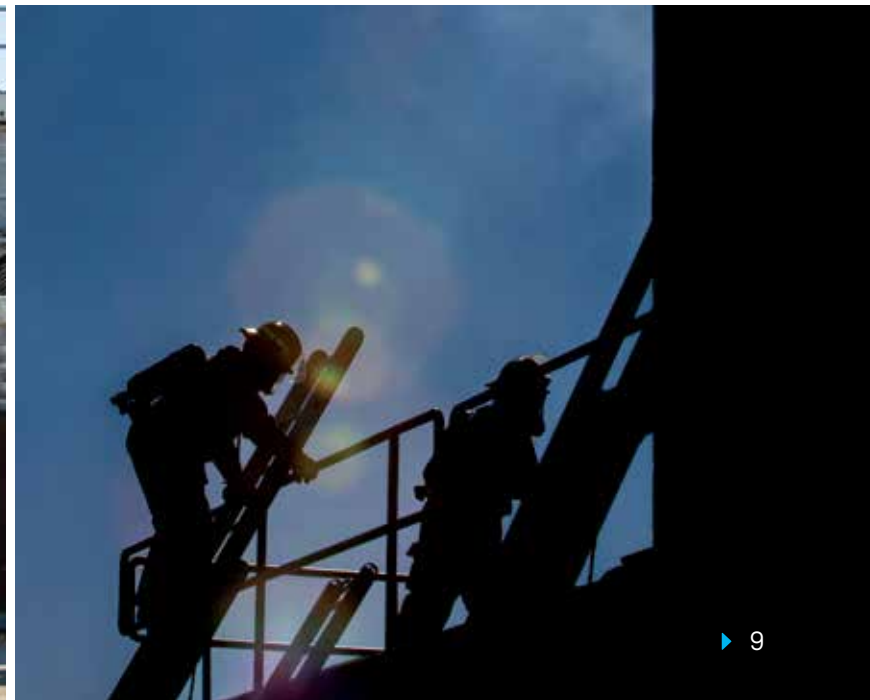
- A four-storey burn tower with simultaneous wood-burning scenarios on different floors
- A cold tower for search and rescue and ladder training
- Anchor points on tower roof for rappelling
- Latest technology in auto extrication equipment
- Live fueled fire props and the latest in hazmat training
- The most realistic firefighting training in real world scenarios
- Integrated fire hall/apparatus bay with a full complement of fire and emergency vehicles

“ The hours I spent on the fire grounds in the Pre-Service Firefighter Education & Training program were absolutely priceless. Without a doubt, days on the fire grounds were critical to my success in completing the program. ”

Trayce Shaw  
Pre-Service Firefighter Education & Training  
Class of 2020



In addition to basic fire training, our students also gain experience in industrial fire on our **11-acre training grounds.**





Enjoy the hands-on, interactive and true to the workplace lab environment at Lambton College.

#### Massage Labs

Students develop their practical and professional skills inside The Clinic - the on-campus, student-run, massage clinic. Students are responsible for booking appointments, assessing clients, administering massage treatment, and providing home care. The Clinic is housed inside the NOVA Chemicals Health & Research Centre, which opened in early 2019.

#### Nursing Labs

In addition to the practical experiences our nursing and personal support worker students receive in actual field placements, they also have the opportunity to apply their skills in a brand new nursing lab that was newly constructed in early 2019. Students use high-fidelity mannequins along with scenario-based learning, where they receive hands-on training in a simulated setting.

#### Paramedic Labs

As part of the recent opening of the NOVA Chemicals Health & Research Centre, the paramedic lab received a significant upgrade. Paramedic students have a fully stocked ambulance that is situated in the lab that provides students with everything except the driving experience. By using high fidelity mannequins, paramedic students can hone their skills in scenario-based learning settings.

#### Culinary

Our Culinary Management students are fully responsible for the operation of our on-campus restaurant Capstones. Students are exposed to all aspects of restaurant management from food prep and cost coordination to menu planning and sales and marketing.

#### The Salon & Spa

Students in the Esthetician and Hairstylist programs experience a hands-on approach to learning as they learn and offer services to clients in the Salon & Spa. Responsible for booking clients and administering services, the students receive full exposure to the ins and outs of running a business.



“ The Massage Therapy program at Lambton College exceeded my expectations and challenged me academically. The instructors take their time helping you and really care for your education. I have come out with great mentors and friends and the experience will forever be with me. ”

Hannah Devos  
Massage Therapy  
Class of 2019



Students in our Health, Business and Creative Design programs gain relevant skills in our **newly, upgraded facilities.**



### Centre of Excellence in Energy & Bio-Industrial Technologies

The Centre of Excellence is a lab hub that contains a variety of lab spaces that give students a snapshot of what is used in the industry. Below are some highlights of the recent renovations:

- **Steam Boiler**  
Designed exclusively for training power engineers on a gas power plant
- **Robotics**  
Students are exposed to robotics with our new fleet of Fanuc Robots – an industry leading brand
- **Nanotechnology Engineering**  
Includes more than 25 pieces of equipment designed for energy testing
- **Research & Innovation**  
This world-class facility was designed to bring together academic programming, industry-standard training, and research labs

### Skilled Trades Training Centre

Students in many programs will spend time at our Skilled Trades Training Centre where there are a number of labs that focus on the following trades:

- Carpentry
- Steamfitting
- Electrical
- Boilermaking



### Welding & Machine Labs

To top it all off, our students also have the opportunity to apply skills in our welding and machine shops. Students in a wide variety of programs have the opportunity to use the actual tools and equipment they will see when they graduate.





Our Students



# Changing Everything

## Research at Lambton College

Lambton College was the Silver recipient of the Applied Research and Innovation Award recognizing commitment and the impact of the College's research activity on small and medium-sized enterprises, the local community, the Province, and the students enrolled in Lambton College programs.

This was the sixth time Lambton College received a CIGan Award of Excellence in the past five years, including two golds, one silver and a bronze:

- Gold Recipient - 2019 Applied Research & Innovation Excellence Award
- #1 Rank - Canadian Research College by Research Infosource Inc. 2018
- Silver Recipient - 2017 Applied Research & Innovation Excellence Award

## COVID-19

Everything changed when the pandemic hit and our college community was ready to assist wherever we were needed:

- Students joined the front lines in a number of different industries
- Free eBit mini - courses were offered to provide flexible learning opportunities and skills development
- 150 beds were setup in the College gymnasium where it was transformed into an emergency field hospital
- Researchers went to work on DNA-based vaccines, providing much needed hand sanitizer, developing action plans for long-term care homes and developing and designing 3D printed parts for hospitals

## Enactus Lambton

Our Enactus students are inspired to improve the world through entrepreneurial actions and have shown great promise by being named National Champions in 2018 and 2019 and winning the Silver Award in 2020. The team also captured the Enactus World Cup in 2018, with a second-place finish in 2019.

These titles, as well as a number of other prestigious awards, were earned with the renowned One Seed Project that created a sustainable middle class in rural Zambia and One Circle in partnership with First Nations communities across Canada to address issues like business development, food stability, and clean water. Locally, they have piloted the One Future Program and Community and Youth Empowerment Projects.



20 First Nations from across Canada involved in One Circle



13 National Titles



\$100K from RBC to support Community and Youth Empowerment projects

**Lambton College's Enactus team is the first Canadian college to ever win national and global Enactus competitions.**

# Our Programs

Our programs come in all shapes and sizes. Find the one that fits you best.



## Bachelor of Science - Nursing

**4**

Four-Year Program

**Bachelor of Science in Nursing Degree**

**Placement**

**SEP**

September Start

It is an exciting time to be a nursing student at Lambton College. Students work in Simulation Labs with both high-tech equipment and simulated patients (actors), providing students with learning experiences that are truly rewarding and unique.

Lambton College prepares future nurses so they may enter the health care profession with both required knowledge and hands-on skills to be successful practitioners. Students will experience the importance of smaller class sizes and individual attention by faculty, thereby, enriching the learning experience.

### Employment Opportunities

Registered Nurses have many career options open to them as they are prepared to care for individuals, families, and communities in varied settings. Our graduates assume roles as clinical practitioners, health program and policy developers, researchers, administrators and teachers. Careers can be found in hospitals, clinics, home care, occupational health, schools, and community agencies in both urban and rural settings.

### Admission Requirements

The admission requirements for applicants to the BScN program are the same as at the University of Windsor.

O.S.S.D. or equivalent with:

Six level 4 courses from the U or M stream and an overall average of 70% minimum including:

- Grade 12 English U\*\*
- Grade 12 Mathematics (C, U, or M level)
- Grade 12 Biology U SBL4U\*
- Grade 12 Chemistry U SCH4U\*

\*Minimum combined average of 70% for chemistry and biology.

\*\*Minimum grade of 65% required.

For more information about applying as a non-direct or Pre-Health Sciences - Pathway to Advanced Diplomas & Degrees applicant, visit [lambtoncollege.ca/BSCN](http://lambtoncollege.ca/BSCN)

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

- |               |   |
|---------------|---|
| <b>Term 1</b> | <b>Taken at Lambton College</b>                     |
| NURS-1110     | Professional Nursing I                              |
| NURS-1210     | Anatomy and Physiology I                            |
| NURS-1900     | Writing for the Professional Nurse                  |
| NURS-1511     | Experiential Learning Lab I                         |
| BIOL-1073     | Microbiology  |
| <b>Term 2</b> | <b>Taken at Lambton College</b>                     |
| NURS-1120     | Professional Nursing II                             |
| NURS-1220     | Anatomy and Physiology II                           |
| NURS-1410     | Holistic Health Assessment I                        |
| NURS-1512     | Clinical Practicum I                                |
| NURS-1310     | Pharmacology and Medication Management I            |
| <b>Term 3</b> | <b>Taken at Lambton College</b>                     |
| NURS-2130     | Professional Nursing III                            |
| NURS-2531     | Experiential Learning Lab III                       |
| NURS-2420     | Holistic Health Assessment II                       |
| NURS-2810     | Adult Health and Health Alterations I               |
| NURS-2320     | Pharmacology and Medication Management II           |
| NURS-2522     | Clinical Practicum II                               |
| PSYC-3390     | Health Psychology                                   |
| <b>Term 4</b> | <b>Taken at Lambton College</b>                     |
| NURS-2541     | Experiential Learning Lab IV                        |
| NURS-2532     | Clinical Practicum III                              |
| NURS-2820     | Adult Health and Health Alterations II              |
| NURS-2920     | Maternal and Newborn                                |
| NURS-2930     | Psychiatric and Mental Health                       |
| STAT-2910     | Statistics for the Sciences                         |
| NURS-2622     | Consolidated Practicum II                           |
| <b>Term 5</b> | <b>Taken at University of Windsor</b>               |
| NURS-3551     | Experiential Learning Lab V                         |
| NURS-3542     | Clinical Practicum IV                               |
| NURS-3830     | Adult Health and Health Alterations III             |
| NURS-3940     | Care of Children and Youth                          |
| NURS-3950     | Nursing Research                                    |
| NURS-3960     | Community as Client                                 |
| <b>Term 6</b> | <b>Taken at University of Windsor</b>               |
| NURS-3140     | Professional Nursing IV                             |
| NURS-3561     | Experiential Learning Lab VI                        |
| NURS-3552     | Clinical Practicum V                                |
| NURS-3840     | Adult Health and Health Alterations IV              |
| NURS-3970     | Care of the Older Adult                             |
| NURS-3632     | Consolidated Practicum III                          |
|               | Arts Option Select 1                                |
| <b>Term 7</b> | <b>Taken at University of Windsor</b>               |
| NURS-4150     | Professional Nursing V                              |
| NURS-4571     | Experiential Learning Lab VII                       |
| NURS-4980     | Palliative Care                                     |
| NURS-4990     | Global Health                                       |
| NURS-4000     | Nurse Option Specialty Option (TBD)                 |
| <b>Term 8</b> | <b>Taken at Lambton College</b>                     |
| NURS-4562     | Integrated Clinical Practicum: Community Experience |
| NURS-4572     | Integrated Clinical Practicum: Hospital Experience  |
|               | AND   |
|               | Integrated Rounds                                   |

# Business



The two-year Business program is the best way for students to begin their business education. Students looking to work in a small, medium or large corporations, take over a family-run business or start their own business, will find that this program offers all the important foundational courses.

In the first year, students will be introduced to marketing, human resources, accounting, computer applications, global business principles and ethics. Important studies in business communications and mathematics round out the year. Second year will move into advanced business courses that all business organizations consider essential. Social media marketing, organizational behaviour, business intelligence, business law, operations management and economics are just some of these courses.

Students considering entrepreneurship will have the option of undertaking an entrepreneurship project course to research and plan a new business or work on a special project for existing businesses. All students will have the ability to participate in Enactus - our national award-winning social entrepreneurship team.

### Employment Opportunities

The solid grounding in business fundamentals and the focus on acquiring practical skills has served our graduates well when it comes time to begin their careers. Previous graduates have found employment at various levels in banking, retail, sales, sports management, supply chain management, and in media and promotion. Some graduates have opted to participate in entrepreneurial opportunities.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 11 or 12 Mathematics C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Business - Accounting



The two-year Business - Accounting program is the first step toward a career in the rewarding field of accounting. Students receive a well-rounded education in business while studying all the important accounting and finance courses. Students will learn accounting theory and procedures, and use accounting software.

This program can lead to various pathways to professional accounting credentials that can be beneficial to career development. Students interested in becoming a bookkeeper may transfer their courses to the Canadian Institute of Bookkeeping.

This program allows for maximum flexibility, students can transfer into the three-year Business Administration - Accounting program at any time. After Term 1, students can move directly into Term 2 of the two-year Business or the three-year Business Administration programs.

Students interested in developing their skills will also have the ability to participate in Enactus – our award-winning social entrepreneurship team.

### Employment Opportunities

Our graduates work in all sectors of business including banks and other financial institutions, government and agencies, public accounting firms, small businesses, tax preparation firms and financial planning firms. You may begin your career working in accounts payable, accounts receivable, payroll, cost accounting, general accounting, credit and collections, inventory control, budget analysis, financial accounting, management accounting or tax preparation.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 11 or 12 Mathematics C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

MTH-1223	Business Mathematics I
COM-1013	Critical Thinking and Writing
BUS-1234	Computer Applications for Business
MAN-1103	Human Resources Management
MKT-1143	Marketing Fundamentals
ACC-1004	Accounting Theory and Practice I
- OR -	
ACC-1093	Accounting Concepts I

### Term 2

MTH-2223	Business Mathematics II
COM-2013	Communications for Business
PHL-1253	Ethical Leadership and Critical Decision Making
BUS-1103	Global Business Principles
GED-XXX3	General Education Elective
JSS-1001	Job Search and Success
ACC-2004	Accounting Theory and Practice II
- OR -	
ACC-2104	Accounting Concepts II

### Term 3

STA-1103	Business Statistics
ECO-1123	Microeconomics
MKT-1103	Social Media Marketing
MAN-1163	Organizational Behaviour
MKT-3213	Business Intelligence I
BUS OPT	Business Option - Select 1

### Term 4

LAW-1003	Business Law
ECO-1113	Macroeconomics
MAN-1033	Operations Management
MKT-3353	Integrated Marketing Communication
GED-XXX3	General Education Elective
GED-XXX3	General Education Elective

### Term 1

ACC-1004	Accounting Theory and Practice I
BUS-1234	Computer Applications for Business
COM-1013	Critical Thinking and Writing
ECO-1123	Microeconomics
MTH-1223	Business Mathematics I
GED-XXX3	General Education Elective

### Term 2

ACC-2004	Accounting Theory and Practice II
ACC-3403	Computerized Accounting Systems
COM-2013	Communications for Business
ECO-1113	Macroeconomics
MTH-2223	Business Mathematics II
LAW-1003	Business Law

### Term 3

ACC-3804	Intermediate Accounting I
ACC-3204	Management Accounting I
FIN-1203	Financial Management I
STA-1103	Business Statistics
MAN-1163	Organizational Behaviour
GED-XXX3	General Education Elective

### Term 4

ACC-4804	Intermediate Accounting II
ACC-4204	Management Accounting II
FIN-2203	Financial Management II
FIN-1114	Taxation I
JSS-1001	Job Search and Success
GED-XXX3	General Education Elective

# Business Administration



The three-year Business Administration program prepares graduates for a world of business and educational opportunities. For those looking to work for a small, medium or large organization, start their own business, or continue their education at university, the Business Administration program is the right program for you. This three-year program has been developed specifically for students to personalize their program of study to suit their abilities and interests and put them in the best possible light for employment.

During the first year, students will participate in an active learning environment and be exposed to a curriculum that builds a solid knowledge base of the major areas of business. This lays a foundation for the areas of concentration and for the development of teamwork, leadership, and research skills. Students may participate in an optional co-op work term that would reinforce the curriculum with hands-on work experience.

### Areas of Concentration

After a foundational year of essential business courses, students may choose one or two areas of concentration in Marketing or Entrepreneurship or Human Resources. There are eight business option courses and by selecting four courses from one category, an area of concentration will be achieved.

### Employment Opportunities

Depending on your unique skills and chosen area of concentration, you can expect to enter a broad range of employment roles, from entry-level management to positions of greater responsibility. Our graduates can be found in marketing management and strategic planning, marketing research, media and promotion, retail, sales, supply chain management, recruitment, training and development, labour relations, compensation, and pension and benefits. Some graduates have opted to become entrepreneurs and follow their dreams by developing their own businesses.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Any Grade 11 or 12 Mathematics C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	MTH-1223	Business Mathematics I
	COM-1013	Critical Thinking and Writing
	BUS-1234	Computer Applications for Business
	MAN-1103	Human Resources Management
	MKT-1143	Marketing Fundamentals
	ACC-1004	Accounting Theory and Practice I
	- OR -	
	ACC-1093	Accounting Concepts I

<b>Term 2</b>	MTH-2223	Business Mathematics II
	COM-2013	Communications for Business
	PHL-1253	Ethical Leadership and Critical Decision Making
	BUS-1103	Global Business Principles
	ACC-2004	Accounting Theory and Practice II
	- OR -	
	ACC-2104	Accounting Concepts II
	JSS-1001	Job Search and Success

<b>Term 3</b>	STA-1103	Business Statistics
	ECO-1123	Microeconomics
	MKT-1103	Social Media Marketing
	MAN-1163	Organizational Behaviour
	MKT-3213	Business Intelligence I
	BUS OPT	Business Option - Select 1

<b>Term 4</b>	LAW-1003	Business Law
	ECO-1113	Macroeconomics
	MAN-1033	Operations Management
	MKT-4213	Business Intelligence II
	MKT-3353	Integrated Marketing Communications
	GED-XXX3	General Education Elective

<b>Term 5</b>	CPL-1049	Co-op Work Term (optional)
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<b>Term 6</b>	BUS-5503	Entrepreneurship I
	FIN-1013	Financial Analysis and Budgeting
	- OR -	
	FIN-1203	Financial Management I
	GED-XXX3	General Education Elective
	BUS OPT	Business Options - Select 3

<b>Term 7</b>	BUS-6503	Entrepreneurship II
	FIN-2203	Financial Management II (optional)
	GED-XXX3	General Education Elective
	BUS OPT	Business Options - Select 4

# Business Administration - Accounting



Looking for a program that leads to a rewarding career, that challenges students to develop valuable critical thinking and analytical skills, and has an option for a simple pathway to a university degree? Then the three-year Business Administration – Accounting program is definitely the right fit!

Students in this program will receive a well-rounded and thorough education in important aspects of business such as human resources, law and marketing, and can access various pathways to professional accounting credentials that can be beneficial to career. There will be a focus on developing strong communication, planning, teamwork, and analytical skills while studying all of the important accounting and finance courses. Students will apply their skills and develop an understanding of accounting theory and procedures, taxation, finance, and the use of accounting software. Because real-world experiences are so important, students are given the option to participate in a co-op work experience in the fifth term. This provides exposure to a business environment and could provide valuable work experience in the accounting field.

Some students may wish to hone their skills further by assisting others to make their entrepreneurial dreams a reality. This is done through participation in Enactus, our award-winning social entrepreneurship team.

### Employment Opportunities

Our graduates have the skills to begin careers in accounting from entry to middle-level management. Graduates may also choose from a variety of pathways to professional accounting credentials that can be beneficial to career development. Accountants are needed in all business sectors – public and private. These could include government and private agencies, public accounting firms, small and large manufacturers, retailers, service providers, banks and financial institutions, tax preparation firms and financial planners. You may begin your career working in accounts payable, accounts receivable, payroll, corporate accounting, general accounting, credit and collections, inventory control, budget analysis, financial accounting, management accounting, financial and tax analysis, or entrepreneurial opportunities. Some graduates have opted to participate in entrepreneurial opportunities.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Any Grade 11 or 12 Mathematics C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	ACC-1004	Accounting Theory and Practice I
	BUS-1234	Computer Applications for Business
	COM-1013	Critical Thinking and Writing
	ECO-1123	Microeconomics
	MTH-1223	Business Mathematics I
	GED-XXX3	General Education Elective

<b>Term 2</b>	ACC-2004	Accounting Theory and Practice II
	ACC-3403	Computerized Accounting Systems
	COM-2013	Communications for Business
	ECO-1113	Macroeconomics
	MTH-2223	Business Mathematics II
	LAW-1003	Business Law

<b>Term 3</b>	ACC-3804	Intermediate Accounting I
	ACC-3204	Management Accounting I
	FIN-1203	Financial Management I
	GED-XXX3	General Education Elective
	STA-1103	Business Statistics
	MAN-1163	Organizational Behaviour

<b>Term 4</b>	ACC-4804	Intermediate Accounting II
	ACC-4204	Management Accounting II
	FIN-2203	Financial Management II
	FIN-1114	Taxation I
	GED-XXX3	General Education Elective
	JSS-1001	Job Search and Success

<b>Term 5</b>	CPL-1049	Co-op Work Term (optional)
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<b>Term 6</b>	BUS-5503	Entrepreneurship I
	MKT-1103	Social Media Marketing
	MKT-1143	Marketing Fundamentals
	MAN-1103	Human Resources Management
	FIN-2113	Taxation II

<b>Term 7</b>	BUS-6503	Entrepreneurship II
	ACC-3503	Management Information Systems
	PHL-1253	Ethical Leadership and Critical Decision Making
	BUS-1103	Global Business Principles
	MAN-1033	Operations Management

# Chemical Laboratory Technology



Laboratory technologists are critical in many growing industries such as chemical products and materials, petroleum refineries, food processing, breweries, distilleries, pharmaceutical manufacturing and development, natural health products and the new cannabis sector.

Picture yourself in the exciting and exploding career of cannabis, ginseng and other natural health products. Part of a team making differences for people every day and in the future. Picture yourself as part of a team developing sustainable energy, bio-sourced plastics and composites, building a greener future for your children.

There are scientists required to analyze these technologies and conduct research to bring products to market. Lambton College's Chemical Laboratory Technology program will prepare you to work in these and other industries in a unique hands on way.

This program is a truly unique offering in the Ontario College System. Hands-on curriculum focuses on the areas of natural health products, including ginseng and cannabis, but also the chemistry of building environmentally sustainable solutions in bio-materials and energy. Students meet learning outcomes by solving real world problems and doing real world research.

### Employment Opportunities

Graduates may find employment as chemical laboratory technologists in a range of settings including, research laboratories, government agencies, educational institutions and technical sales, and in industries such as pharmaceutical and bio-technology, cosmetics and consumer health products, petroleum, mining, water and wastewater, solid waste, environmental protection, energy and food science.

Career positions may include, but are not limited to: analytical technician, bio-chemistry technician, biological lab technician, chemical analyst or lab technician, formulation technician, pilot plant technician, quality control technician, validation and documentation technician, laboratory services following ISO 17025 standards.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 12 Mathematics C or U
- Grade 11 or 12 Chemistry C or U
- Grade 11 or 12 Biology C or U
- Grade 11 or 12 Physics C or U (recommended)

Please Note: Grade 12 Mathematics for College Technology or any grade 12U mathematics is recommended; Grade 12 Foundations for College Mathematics (MAP4C) minimum final grade is 60%. If the program is highly competitive, students with Grade 12 Mathematics for College Technology or any Grade 12U mathematics will be given preference.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

CHM-1106 General Chemistry I  
MTH-1904 Mathematics for Technology I  
CHM-1702 Analytical Techniques  
COM-1013 Critical Thinking and Writing  
JSS-1001 Job Search and Success  
GED-XXX3 General Education Elective

### Term 2

CHM-2106 General Chemistry I  
MTH-2904 Mathematics for Technology II  
CHM-2702 Analytical Techniques  
COM-2043 Communications for Technology  
BIO-2306 Biochemistry  
OHS-2012 Health and Safety for Industrial Processes

### Term 3

CHM-3106 General Chemistry III  
STA-1903 Statistics for Technology  
CHM-3706 Analytical - Physical and Spectrometry Methods  
CHM-2812 Introduction to Industrial Chemical Processes  
GED-XXX3 General Education Elective

### Term 4

BIO-4306 Biotechnology  
CHM-4903 Quality Assurance and Control  
CHM-4706 Analytical - Separation and Imaging Methods  
ENV-6114 Environmental Management  
GED-XXX3 General Education Elective

### Term 5

CHM-5706 Natural Health Products  
CHM-5806 Reinforced Plastics  
CHM-5906 Petrochemical and Polymer Chemistry  
CHM-5501 Proposal Writing

### Term 6 (Seven-Week Term)

CHM-6109 Applied Lab Skills I  
CHM-6204 Applied Lab Analysis I  
CHM-6503 Scientific Communications and Dissemination I

### Term 7 (Seven-Week Term)

CHM-7109 Applied Lab Skills II  
CHM-7204 Applied Lab Analysis II  
CHM-7503 Scientific Communication and Dissemination II

# Chemical Production & Power Engineering Technology



Lambton College's Chemical Production & Power Engineering Technology (CPET) program has gained national recognition for its ability to train advanced level operators for various industrial sectors, most notably in the petrochemical and energy streams.

Students enrolled in this program will train in Lambton College's newly renovated Centre of Excellence in Energy & Bio-Industrial Technologies which contains complex lab and pilot plant facilities. The Centre duplicates a real-life manufacturing environment and the technologies developed can easily be scaled-up and transferred to an actual operating unit. The Centre offers state-of-practice technology laboratories and infrastructure to support learning and research in next-generation technologies in collaboration with industry.

Experiential learning is emphasized through the program's unique co-op model, which is designed to support the employment needs of industry year-round. Additionally, students will participate in ongoing projects designed to cultivate teamwork, communication, interpersonal and problem solving skills that can be used in future workplace scenarios when analyzing operating problems in a plant environment.

To learn more about how we prepare students to write 4th class Operating Engineers Certification exams, steam time reductions and co-op eligibility visit, [lambtoncollege.ca/CPET](http://lambtoncollege.ca/CPET).

OACETT recognizes this program as meeting all the academic requirements for certification in the Certified Engineering Technology (CET) category.

### Employment Opportunities

The majority of our graduates enter into various industries as Operating Engineers and Process Operators. Industries include refining and chemical process, power generation, steel production, pulp and paper, food processing, and other industrial operating or manufacturing industries. Upon completion of the program and necessary work experience, graduates have the opportunity to move into positions including, but not limited to, unit supervision and shutdown planning.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 12 Mathematics C or U
- Grade 11 or 12 Chemistry C or U OR Grade 11 or 12 Physics C or U (both recommended, only one is required)

Please Note: Grade 12 Mathematics for College Technology or any grade 12U mathematics is recommended; Grade 12 Foundations for College Mathematics (MAP4C) minimum final grade is 60%. If the program is highly competitive, students with Grade 12 Mathematics for College Technology or any Grade 12U mathematics will be given preference.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

CHM-1106 General Chemistry I  
COM-1013 Critical Thinking and Writing  
JSS-1001 Job Search and Success  
MTH-1904 Mathematics I  
OES-1013 Operating Engineering Studies I  
OES-2123 Operating Engineering Calculations

### Term 2

CHM-2106 General Chemistry II  
OES-2115 Operating Engineering Studies - Boilers  
MTH-2904 Mathematics II  
OHS-2012 Health and Safety for Industrial Processes  
ELE-1065 Electric Circuits I  
GED-XXX3 General Education Elective\*

### Co-op Term 1 Group A (July - December)

CPL-1069 Co-op Work Term - Eight Months

### Term 3

OES-3113 Refrigeration Theory and Systems I  
OES-3124 Operating Engineering Studies - Equipment  
OES-4504 Mechanical Practices for Operating Engineers  
ICS-3414 Instrumentation for Plant Operations I  
OES-3033 Operating Engineering Studies - HVAC  
GED-XXX3 General Education Elective\*

### Co-op Term 2 Group B (January - June)

CPL-1069 Co-op Work Term - Eight Months

### Term 4

CHM-2822 Introduction to Industrial Chemical Processes  
OES-4014 Operating Engineering Studies - Electrical  
BIO-4614 Introduction to Biofuels and Bio-Based Chemicals

COM-2043 Communications for Technology  
OES-4114 Piping and Mechanical Systems  
OES-4414 Advanced Process Operations I  
STA-4902 Statistics for Technology

### Co-op Term 3 Group A (January - June)

CPL-2069 Co-op Work Term - Eight Months

### Term 5

OES-5814 Chemical Engineering Operations and Calculations I

ICS-5315 Process Control Systems  
ICS-6505 Process Stream Analysis  
OES-5016 Advanced Process Operations II  
BIO-5713 Production of Biofuels and Bio-Based Chemicals

### Co-op Term 4 Group B (July - December)

CPL-2069 Co-op Work Term - Eight Months

### Term 6

OES-6844 Chemical Engineering Operations and Calculations II

ICS-6316 Advanced Control Applications  
OES-6015 Advanced Process Operations III  
ENV-6114 Environmental Management  
CAP-6004 Capstone Project

\*HIN-3303 and SUS-1003 are recommended general education electives in terms two and three.

# Child & Youth Care



This advanced diploma program prepares students to work in a variety of agencies and organizations concerned with the complex challenges of children, youth and their families. Child and Youth Care Practitioners utilize a relational approach, while working with children, youth and their families, building on strengths to facilitate positive change, promoting resiliency, independence and self-advocacy. The ability to manage stress, present in a professional and dependable manner, and work closely with others is key to succeeding in this field. This program is ideally suited for emotionally mature individuals with a strong desire to help children and adolescents in a time of crisis. Lambton College will prepare students for a rewarding and challenging career as Child and Youth Care Practitioners.

Lambton College gives students a superior experience by providing three unique placement opportunities that can lead to future employment. Students enjoy small class sizes and personal attention, especially through experiential learning opportunities where academic subjects are put into practice in concurrent supervised field placements. Field placements require a police records check including a vulnerable sectors check.

Graduates leave the program with approximately 1,500 hours of field placement, a unique capstone experience and are eligible for full membership and certification with the Ontario Association of Child and Youth Care (OACYC), the Council of Canadian Child and Youth Care Associations (CCCYCA), as well as international certification with the Child and Youth Care Certification Board (CYCCB). Graduates also possess the knowledge and skills required to serve children, youth and families in school, residential, youth justice, hospitals, community, and mental health environments.

Lambton College's graduates have an esteemed reputation, and are well respected by their employers, and sought after in communities beyond Sarnia-Lambton.

### Employment Opportunities

Our graduates have found rewarding work opportunities including:

- Community-based child and youth development programs
- Parent education and family support
- School-based programs
- Open and closed custody group homes
- In-patient and out-patient treatment programs
- Youth shelters
- Central point of access programs
- Youth justice
- Early intervention and prevention programs
- Child protection agencies

### Admission Requirements

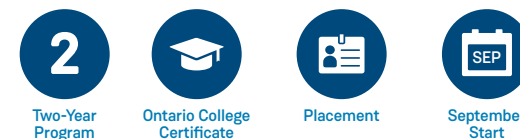
O.S.S.D. or equivalent with:

- Grade 12 English C or U (minimum grade of 60%)

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Community Integration through Co-operative Education



Community Integration through Co-operative Education (CICE) is a fully integrated two year College Certification program. This is a modified program designed for individuals with learning disabilities, developmental disabilities, brain injuries, and other related learning challenges. The program provides students with an opportunity to enhance their academic skills through integrated college classes, while also developing vocational abilities through career based field placement and experiential learning opportunities.

Students choose an area of concentration from Lambton College's many program offerings, based on seat availability. Examples include Construction Carpentry Techniques, Culinary Management, Tourism - Operations Management, Office Administration, Protection, Security & Investigation, Early Childhood Education, Sports & Recreation Management, Social Service Worker, Welding Techniques and more. Upon successful completion of the program, the student will receive an Ontario College Certificate in Community Integration through Co-operative Education (CICE) from Lambton College.

The team of CICE Learning Specialists and the Employment Liaison provide students with in-class support, weekly tutoring outside the classroom, and job coaching. Students receive supports in the form of modifications and accommodations. Examples of modifications include altering the overall curriculum, changing the level of learning by adjusting the course learning outcomes, and tailoring assignments and tests to meet individual learning needs. Accommodations depend on the student's abilities and generally include note-taking, scribing, extended test times and other related supports both inside and outside the classroom setting.

Through the CICE program, students with learning challenges have the exciting opportunity to complete a college program with courses tailored through a modification process to fit their individual academic abilities.

### Employment Opportunities

Our graduates pursue a variety of employment opportunities, depending on the area of concentration they have chosen to study. For example, a student who has taken most of his/her courses in the Early Childhood Education stream may become an Early Childhood Education assistant. A student who focuses in the Office Administration area of study may secure employment as an office assistant. As well, some students may choose to enter other college programs after completing the program, if admission requirements are met.

### Admission Requirements

- O.S.S.D. or O.S.S.C. or equivalent
- or -
- Be at least 19 years of age, out of high school for one year, and apply as an adult learner.

There is a competitive process to gain admission to this limited enrolment program. Applicants must apply to CICE online at ontariocolleges.ca. Applicants will be contacted to arrange for interviews and references. These interviews and references are scored to determine who is offered admission to the program. Applicants are encouraged to apply before the February 1 equal consideration deadline due to limited space availability.

Students must:

- have a level of independence that precludes constant support
- demonstrate academic needs requiring curriculum modification
- be able to arrange transportation to/from the college and field placements

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
CYC-1002	Introduction to Field Placement
CYC-1014	Introduction to Child and Youth Care
CYC-1023	Health and Nutrition
COM-1013	Critical Thinking and Writing
PSY-1003	Psychology I
GED-XXX3	General Education Elective

<b>Term 2</b>	
CYC-2002	Field Seminar I
CYCF-2056	Field Work I
CYC-2012	Child and Youth Care Methodology I
CYC-2022	Therapeutic Activities
CYC-2033	Legislation and Social Issues
HGD-1013	Human Growth and Development

<b>Term 3</b>	
CYC-3002	Field Seminar II
CYCF-3054	Field Work II
CYC-3023	Therapeutic Foundations
CYC-3033	Interviewing and Counselling
CYC-3043	Group Work
COM-2053	Communications for Community Services
GED-XXX3	General Education Elective

<b>Term 4</b>	
CYC-4002	Field Seminar III
CYCF-4055	Field Work III
CYC-4012	Child and Youth Care Methodology II
CYC-4023	Family Process
CYC-4033	Adolescent Development
CYC-4042	Assessments and Clinical Documentation
PSY-2003	Psychology II

<b>Term 5</b>	
CYC-5002	Field Seminar IV
CYCF-5056	Field Work IV
CYC-5012	Child and Youth Care Methodology III
CYC-5022	Working with Families
CYC-5033	Violence, Abuse and Trauma
GED-XXX3	General Education Elective

<b>Term 6</b>	
CYC-6002	Field Seminar V
CYCF-6057	Field Work V
CYC-6022	Culture and Human Diversity in CYC Practice
CYC-6013	Organizational Behaviour and Clinical Supervision
CMH-1023	Understanding Addictions and Concurrent Disorders

<b>Term 1</b>	
CICE-1502	Transitions to Fieldwork
CICE-1602	Transitions to College
GED-XXX3	General Education Elective
Course 1	Area of Concentration
Course 2	Area of Concentration
Course 3	Area of Concentration

<b>Term 2</b>	
CICE-1022	Fieldwork A
CICE-1033	Self Awareness and Advocacy
Course 4	Area of Concentration
Course 5	Area of Concentration
Course 6	Area of Concentration

<b>Term 3</b>	
CICE-2002	Fieldwork B
CICE-2013	Personal and Professional Growth
Course 7	Area of Concentration
Course 8	Area of Concentration
Course 9	Area of Concentration

<b>Term 4</b>	
CICE-2022	Fieldwork C
CICE-2033	Transitions to Community
Course 10	Area of Concentration
Course 11	Area of Concentration
Course 12	Area of Concentration

# Computer Programmer



The Computer Programmer, two-year diploma program offers students the opportunity to study current trends in web technologies, computer programming, database, project management, and mobile development. This intensive, two-year program concludes with a work term for eligible students.

Web technology topics include HTML5, CSS5, JavaScript, AJAX, JSON and NodeJS. Students work with server-side programming languages including Microsoft C#.NET, Python and Java. In the database components, students perform all aspects of database design and work with SQL/NOSQL on several database management systems (DSMS). Students demonstrate their knowledge and skills by developing solutions to real world, three tiered (client, server, database) problems.

Major coursework is assigned as term projects that span entire terms allowing students to actively engage in the evaluation, design and implementation of real world software applications. As a result, students develop deep content knowledge as well as critical thinking, collaboration, creativity and communication skills.

In addition, general education, business, math and communication courses help students expand their organizational, critical thinking and communication skills.

The widespread use of computer technology in all industries, from manufacturing, transportation, construction, education, health and financial institutions means that computer programmers are the key people shaping the solutions of today and tomorrow.

### The 7-1-7 Programming Model

This program uses the 7-1-7 model based on seven weeks of classes; a study week; followed by another seven weeks of classes.

During the spring/summer term, classes may be offered in a compressed format where students take a set of classes in the first seven weeks (Session I) and a second set of classes in the next seven weeks (Session II).

For co-op specific information visit [lambtoncollege.ca/cpro](http://lambtoncollege.ca/cpro)

### Employment Opportunities

Our graduates pursue a wide variety of rewarding career opportunities that are dynamic and challenging, offering a competitive rate of compensation. Courses in the program are part of rapidly emerging technologies that prepare graduates for careers as computer programmers, software developers, programmer analysts, mobile application developers, information systems specialists, web developers, client/server applications developers and support specialists. Graduates acquire sufficient foundation to allow them to advance in a variety of career paths appropriate to their interests and abilities.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U (minimum of 60%)
- Grade 11 or 12 Mathematics C or U (minimum of 60%)

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Construction Carpentry Techniques



Build a better future in a hands-on and practical learning environment. Lambton College's Construction Carpentry Techniques program utilizes current technology, modern equipment and has a strong focus on eco-friendly building products and construction materials. Graduates possess significant experience working in the 6,500 sq. ft. shop (located in the Lambton College Skilled Trades Training Centre) as well as in an 1,800 sq. ft. teaching house where students participate in renovation and residential construction scenarios relevant to residential and light commercial construction.

Students may participate in community-based learning projects for non-profit organizations. This hands-on learning, combined with in-class training, will provide students with the skills necessary to enter the residential construction and renovation sector. Framing, layout, roof construction, stairs and foundations will be taught in detail, as well as the fundamentals of calculating construction and labour costs.

### Employment Opportunities

Our graduates can pursue opportunities as apprentice carpenters, and have found work in the areas of: in-home construction, renovation, commercial construction and maintenance departments.

Due to low interest rates, the construction sector shows significant demand and growth resulting in all graduates finding employment in a construction-related field where they put the skills acquired in this program to work.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

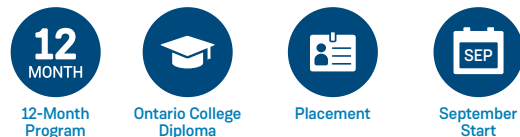
### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	CSD-1113 Web Technologies I
	CSD-1133 Problem Solving/Program Logic
	CSD-1233 Python Programming
	CSD-2206 Database Design & SQL
	CSD-1194 Business Applications
<b>Term 2</b>	CSD-2214 Web Technologies II
	CSD-3464 Programming Java SE
	CSD-2354 Programming C#.NET
	MTH-1163 General Mathematics I
	COM-1113 Workplace Communications
	GED-XXX3 General Education Elective
<b>Term 3</b>	CSD-3313 Web Technologies III
	CSD-3354 Web Applications Using C#.NET
	CSD-4464 Programming Java EE
	CSD-4203 Database Programming
	CSD-3183 Mobile Development
	JSS-1001 Job Search and Success
<b>Term 4</b>	CSD-3444 Emerging Technologies
	CSD-1353 Operating Systems
	CSD-XXX3 Introduction to Project Management
	GED-XXX3 General Education Elective
	GED-XXX3 General Education Elective

<b>Term 1</b>	CCT-1066 Safety, Tools and Materials (hybrid)
	CCT-1012 Construction Plans, Specifications and Codes
	RCT-1124 Surveying and Layout
	JSS-1001 Job Search and Success
	MTH-1303 Estimating and Calculating I
	RCT-1135 Foundation Systems (hybrid)
<b>Term 2</b>	BUS-1003 Introduction to Business (GED)
	CCT-2042 Energy Efficiencies and Sustainable Construction
	CCT-2066 Interior and Exterior Finishing
	CCT-1056 Floors, Walls and Roof Construction (hybrid)
	COM-1113 Workplace Communications
	RCT-1102 Construction Safety

# Culinary Management



Turn a passion into an exciting career with the Culinary Management diploma from Lambton College. Learn from journey person chefs with years of experience in a variety of food service operations.

This 12-month, fast-track program prepares students for the dynamic and growing food industry as a chef or culinary manager. Students will experience all facets of the food industry where food trends and dining culture are constantly evolving. Program curriculum reflects the demanding knowledge and skills required of a successful chef who must constantly adapt to all industry standards regardless of the enterprise.

Faculty are committed to sharing with students the importance of sustainable practices as it applies to purchasing and preparing local foods. New courses on applied nutrition, geographical gastronomy and the science of food and beverage reflect changing consumer tastes.

The program emphasizes the importance of operating a fiscally responsible food business through the application of business principles and costing and control practices. Technology and mobile applications are integrated into business operations with emphasis on the development of marketing and promotional strategies.

Practical application classes are held in small lab sections that allow students to challenge themselves. The supportive learning environment provides more one-on-one discussion and allows flexibility adapting curriculum to the needs of the student. Students develop essential strategies for continuous personal and professional learning and are held to standards that are among the highest in culinary education while developing industry-related skills.

The program prepares students to challenge the in-class portion of the Assistant Cook and Cook Apprentice designations. These are important initial steps towards your pursuit of the Provincial Trade of Cook Certificate of Qualification (Red Seal).

Opportunities for students to earn while they learn exist where students are given authentic culinary exposure to hone their skills and enhance their understanding of the operations of the culinary industry while within the program.

### Employment Opportunities

The professional focus and high standards of the Culinary Management program have served graduates well when it comes time to begin their careers. Program graduates may perform effectively as members of food and beverage service teams. They are prepared for employment opportunities in a range of settings including: restaurants, bakeries, hotels, spas, motels, resorts, cruise ships, hospitals, industrial kitchens, long-term care institutions, and catering companies. Some graduates will find fulfillment in entrepreneurial opportunities.

### Admission Requirements

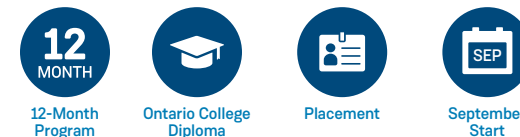
O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Developmental Services Worker



The core values and beliefs behind the role of a developmental services worker include: service, social justice, empowerment, dignity and worth of the person, importance of human relationships, integrity, and competence. A commitment to these values guides the developmental services worker's behaviour in terms of his/her ethical responsibilities to individuals with developmental disabilities, their families, colleagues, and to his/her own professional competence.

Developmental services workers use leadership qualities and creative problem solving to facilitate natural supports, generic services, self-reliant decision making, and personal control for individuals of all ages who have a range of developmental and/or physical disabilities or mental disorders and their families in various work and community environments. Graduates recognize that barriers exist for people with challenges and that they have a role in facilitating the removal of such barriers.

Graduates recognize the interaction of the mind, the body, and the spirit in general health promotion and provide information to individuals to facilitate the setting and reaching of personal health goals. Through rich experiential learning opportunities, graduates acquire skills and knowledge relating to specific health concerns in their work environment. In addition, graduates respond to health-related issues by applying their skills and knowledge from required program courses.

### Employment Opportunities

Our graduates pursue a wide range of opportunities including community support worker, job coach, in-home respite care, educational assistant, classroom assistant in a daycare centre, activation aide in a seniors program, teaching assistant, adult protective service worker and residential support worker.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

- CLN-1181 Safety and Sanitation
- CLN-1194 Applied Culinary Techniques
- CLN-1091 Basic Baking Concepts
- CLN-1143 Bakeshop Applications
- CLN-1603 Food Fundamentals and Principles
- CLN-1304 Cafe Creations
- CLN-1283 Restaurant Career Management
- CLN-2402 Successful Foodservice Operation
- GED-XXX3 General Education Elective

### Term 2

- CLN-2613 Elements of Nutrition
- CLN-2374 Nutritional Menu Modifications
- CLN-2194 Bistro 2.0
- CLN-2343 Management by Menu
- CLN-2504 Field Placement
- CLN-3304 Geographical Gastronomy
- GED-XXX3 General Education Elective

### Term 3

- CLN-2214 Garde Manger/Charcuterie Practical
- CLN-3203 Sustainable Agriculture
- CLN-3124 Chef's Table
- MKT-1103 Social Media Marketing
- CLN-3402 Science of Food and Beverage
- CLN-3504 Advanced Baking and Cake Design
- GED-XXX3 General Education Elective

### Term 1

- September - December
- DSW-1273 Dual Diagnosis
- DSW-1203 Developmental Disabilities and Aging
- DSW-1213 Health I – Health Maintenance
- DSW-1223 Professionalism I – Ethics and Professionalism
- DSW-1233 Supporting People with Developmental Disabilities
- COM-1013 Critical Thinking and Writing
- DSW-1253 Developmental Disabilities
- DSW-1263 Supporting People with Complex Needs
- HGD-1013 Human Growth and Development

### Term 2

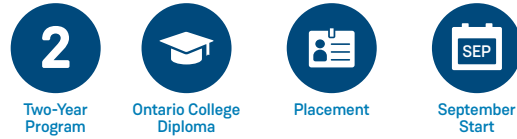
- January - April
- DSW-2053 Pharmacology
- DSW-2044 Teaching Strategies
- DSW-2013 Health II – Health and Wellness
- DSW-2023 Behaviour Management
- DSW-2033 Developing Skills of a Helping Professional
- DSWF-2034 Field Placement I

### Term 3

- May - August
- DSW-3012 Person Centred Planning
- DSW-3023 Small Group Counselling
- DSWF-3035 Field Placement II
- SOC-3103 Sociology of Family Life
- GED-XXX3 General Education Elective



# Early Childhood Education



Individuals with a passion for enriching the lives of young children will find support from Lambton College's caring faculty as they gain the skills needed to become a knowledgeable, competent Early Childhood Educator. At Lambton College, we are proud of our reputation for excellence in encouraging our students to excel as educators.

This two-year program educates students to work effectively with young children in order to nurture childhood development and maintain healthy relationships with their families. Students are introduced to both theory and practice through technology enhanced classroom theory, and experiential learning in hands-on workshops and field practice. This combination gives students the knowledge and skills to work with young children aged 0-12 years in a variety of settings. Students graduate with over 600 hours of practical experience.

Students also have the unique opportunity to complete a placement in our on-site EarlyON Child and Family Centre. Our on-site Parent and Professional Resource Centre offers valuable resources for curriculum planning, research, and professional development.

### Employment Opportunities

Our graduates have a diverse and dynamic set of skills for the evolving profession of Early Childhood Education. Our graduates have found rewarding employment opportunities in a variety of settings including child care centres, before and after school programs, with the school boards as teaching partners in the Kindergarten Program and early learning and family centres. With additional education, graduates can also work as resource teachers and educational assistants.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
ECE-1102	Foundations of ECE
ECE-1174	Health, Safety and Nutrition
ECE-1149	Field and Seminar I
ECE-1164	Play Based Learning I: Music, Art, Drama & Movement
COM-1013	Critical Thinking and Writing
ECE-1184	Child Development: The Early Years
<b>Term 2</b>	
ECE-1153	Observation and Documentation
ECE-1224	Play Based Learning II: Storytelling and Literacy
ECE-1243	Infant and Toddler Curriculum
ECE-1259	Field and Seminar II
ECE-2344	School-Age Curriculum
GED-XXX3	General Education Elective
<b>Term 3</b>	
ECE-2323	Play Based Learning III: S.T.E.M.
ECE-2359	Field and Seminar III
ECE-2363	Pedagogy and Curriculum Models
ECE-2493	Diversity
GED-XXX3	General Education Elective
GED-XXX3	General Education Elective
<b>Term 4</b>	
ECE-2413	Current Practices (capstone)
ECE-2459	Field and Seminar IV
ECE-2463	Professionalism and Group Dynamics
ECE-2473	Children with Diverse Abilities
ECE-2483	Working with Families

# Electrical Power Distribution & Control Technician



The Electrical Power Distribution & Control Technician program is designed to provide graduates with specialized knowledge and skills required to pursue a career in electrical power, distribution systems, protection, and control. Working both in the classroom and in various lab and shop settings, students gain practical, hands-on experience in electrical fundamentals and specific concepts related to power distribution and control.

In addition to learning the fundamentals of electrical techniques, students will study power generation from traditional and emerging renewable energy systems, power distribution, connection to the grid, high voltage and transfer.

With lessons taking place in the classroom and in various lab and shop settings, students gain both theoretical and practical, hands-on experience.

### Employment Opportunities

Job opportunities in the Electrical Power Distribution & Control Technician field have been steadily increasing. To survive in today's global market economy, industry must draw from a pool of technically competent engineers, technologists, technicians, and skilled trades people.

Graduates of this program have the skills to compete in a wide variety of industries including power generation, distribution and utilization, industrial telecommunications, electrical maintenance and installation, and control systems.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 12 Mathematics C or U
- Grade 11 or 12 Physics C or U (recommended)

Please Note: Grade 12 Mathematics for College Technology or any Grade 12U mathematics is recommended; Grade 12 Foundations for College Mathematics (MAP4C) minimum final grade is 60%. If the program is highly competitive, preference will be given to students having Grade 12 Mathematics for College Technology or any Grade 12U mathematics, as well as Physics C or U.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
ELC-1274	Basic Electrical Installations I
ELC-1726	Electrical Theory
ELC-1732	Safety and Electrical Code I
COM-1113	Workplace Communications
ICS-1302	Fundamentals of Instrumentation I
MTH-1904	Mathematics for Technology I
<b>Term 2</b>	
ELC-2155	Electrical Systems Applications
ELC-2505	Electronic Devices and Applications
ELC-2764	Industrial Installation Practices
ELE-1122	AutoCAD for Electrical Techniques
ICS-2303	Fundamentals of Instrumentation II
GED-XXX3	General Education Elective
<b>Term 3</b>	
ELC-3744	Digital Logic
JSS-1001	Job Search and Success
MTH-2904	Mathematics for Technology II
PDC-1224	Introduction to Transmission and Distribution of Electric Power
PDC-1233	Introduction to Industrial Control and Protection
GED-XXX3	General Education Elective
<b>Term 4</b>	
PDC-4013	Application of Power Electronics
ICS-5354	Programmable Logic Control
PDC-4003	Electrical Metering
ICS-6715	Control Systems Architecture and Data Communications and Controls
PDC-1115	Introduction to Protective Relays
GED-XXX3	General Education Elective
<b>Term 5</b>	<b>May - August</b>
CPL-1049	Co-op Work Term

# Electrical Techniques



Lambton College's Electrical Techniques program utilizes applied learning combined with strong theoretical training to prepare students for a career in the extensive electrical field.

Working both in the classroom and in various lab and shop settings, students gain practical, hands-on experience in electrical fundamentals. In just eight months, students will be able to master the basic skills needed to help compete for employment as an electrical apprentice.

These skills go well beyond the minimum requirements to begin an electrical apprenticeship. After students earn their Electrical Techniques certificate, they can continue their education in related technology programs at Lambton College.

### Employment Opportunities

Our graduates have the skills to work in a variety of residential construction settings including renovation projects. They will also have the required skills to work in a warehouse or wholesale business in the electrical field. Job titles include: general labourer, construction and maintenance electrician apprentice, industrial electrician apprentice, trade contractor assistant, electrical technician, network cabling, fire alarm technician, related mechanical trades, independent contractor, service technician and warehouse and wholesale sales.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 12 Mathematics C or U
- Grade 11 or 12 Physics C or U (recommended)

Please Note: Grade 12 Mathematics for College Technology or any Grade 12U mathematics is recommended; Grade 12 Foundations for College Mathematics (MAP4C) minimum final grade is 60%. If the program is highly competitive, preference will be given to students having Grade 12 Mathematics for College Technology or any Grade 12U mathematics, as well as Physics C or U.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Environmental Technician - Water & Wastewater Systems Operations



Environmental Technicians, specializing in water and wastewater, are in demand in Ontario for a variety of sectors including mining, the public service and private industry. The Environmental Technician – Water & Wastewater Systems Operations college diploma is a fast-track to qualification for employment as a licensed drinking water operator in Ontario. In addition, this program shares a delivery of courses with Northern College and as such, certain lectures will be delivered remotely via a virtual classroom. The platform used for the distance delivery will be Microsoft Teams and students will be expected to have a personal mobile device like a laptop to log in and view the lectures delivered by the partner college faculty.

Students enrolled in this program will train in Lambton College's new Centre of Excellence in Energy & Bio-Industrial Technologies. The Centre offers state-of-practice technology laboratories and infrastructure to support learning and research in next-generation technologies in collaboration with industry.

The program has an innovative delivery model, allowing students to graduate faster – in two years instead of three – by combining theory and practical systems operator experience, in conjunction with three co-op work terms.

Students can expect to be exposed to both operating water treatment facilities and pilot-scale systems during their studies. The conversion of raw water to safe drinking water is the goal and students are immersed in every step of the process.

The curriculum focuses on preparing students to write the Ontario Operator-in-Training examinations and the Drinking Water Operators Entry-Level Course through the Walkerton Clean Water Centre and the Ontario Ministry of the Environment and Climate Change. In combination with the co-op work terms, graduates will obtain the practical experience required to graduate with a Class 1 Operator license.

### Employment Opportunities

Our graduates pursue a broad range of exciting employment opportunities. They find employment in Ontario's municipal and aboriginal water and wastewater facilities, environmental departments in mines and other industries, solid waste management facilities and in government.

A wide variety of career opportunities that are dynamic and challenging that also offer a competitive rate of compensation are available to graduates. Career positions may include, but are not limited to: environmental systems operator - water treatment, water purification plant operator, liquid waste process operator, sewage plant operator, waste treatment plant operator, wastewater treatment plant operator, water filtration plant operator, and water treatment plant operator.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 12 Mathematics C or U (MCT4C or any Grade 12U math is preferred; MAP4C accepted with minimum grade of 60%)
- Grade 12 Chemistry C or U (recommended)

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

**Term 1**

ELC-1274	Basic Electrical Installations I
ELC-1726	Electrical Theory
ELC-1732	Safety and Electrical Code I
COM-1113	Workplace Communications
ICS-1302	Fundamentals of Instrumentation I
MTH-1084	Mathematics for Electrical Circuits
- OR -	
MTH-1904	Mathematics I*

**Term 2**

ELC-2155	Electrical Systems Applications
ELE-1122	AutoCAD for Electrical Techniques
ELC-2505	Electronic Devices and Applications
ICS-2303	Fundamentals of Instrumentation II
ELC-2764	Industrial Installation Practices
GED-XXX3	General Education Elective

\*MTH-1904 should be taken by students considering taking ICET, ICTN or PDCT

**Term 1**

COM-1013	Critical Thinking and Writing
MTH-1063	Introduction to Mathematics I
ITS-1013	IT Skills for Technology
JSS-1001	Job Search and Success
INL-4163	Introduction to GIS
EVL-1114	Chemistry and Physics
WML-1204	Water Monitoring and Sampling
WML-1023	Introduction to Wastewater Collection and Treatment
EVL-2012	Soil and Air Monitoring and Sampling
GED-XXX3	General Education Elective

**Term 2**

COM-2043	Communications for Technology
EVL-4016	Water Treatment Plant Instrumentation and Controls
EVL-3124	Pumps and Motors
EVL-2012	Plant Operations
WML-4002	Waste Characteristics
EVL-4002	Chlorine Maintenance
EVL-1000	Independent Study for ELC
EVL-3005	Certification Exams Prep (OIT and ELC Classroom Portion)
EVL-2003	Problem Solving in Water and Wastewater Treatment

**Term 3**

CPL-1049	Co-op Work Term (optional)
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**Term 4**

CPL-2049	Co-op Work Term (optional)
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**Term 5**

EVL-4022	Laboratory Procedures
WML-3011	Wastewater Digester Operation and Nutrient Removal
OES-4304	Mechanical Practices for Operating Engineers
WML-3002	Hydrogeology
WML-4003	Environmental Regulations and Legislation
OHS-2012	Health and Safety for Industrial Processes
GED-XXX3	General Education Elective
GED-XXX3	General Education Elective

**Term 6**

CPL-3049	Co-op Work Term (optional)
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# Esports Entrepreneurship & Administration



The Esports Industry is disrupting the traditional sports industry attracting new audiences, using new media channels and developing innovative new business models. The Esports Entrepreneurship & Administration program introduces students to this dynamic and exciting world of competitive gaming where business meets passion.

Throughout this program students gain essential sports business knowledge by studying sports marketing, analytics, tournament and league management, special events management, accounting and communications. Each term, students study a specifically-tailored, hands-on esports course.

Introductory esports gaming courses in the first year give students a grounding in the world of esports, the games, the businesses involved and the money-making strategies they use. Students learn about industry software, hardware, computer networking and the business models behind team management and tournaments while developing and honing their streaming skills.

In the second year, students undertake a capstone project that integrates the knowledge obtained throughout the program and culminates in the execution of a real-world esports project.

### Employment Opportunities

Esports businesses need entrepreneurial-minded young people with business development, marketing, production and sports management skills in order to grow their businesses.

Graduates of the program are prepared to pursue a variety of esports career opportunities including esports manager, coach, event organizer, and tournament manager. Graduates may use the transferable skills learned in the program to pursue careers as an esports journalist/analyst, emedia coordinator, social media specialist or emarketing content specialist. Some graduates may also pursue an entrepreneurial career in esports as a pro-player, coach, or streamer.

New opportunities continue to be developed everyday in this burgeoning industry and graduates will be in a position to trail blaze new opportunities of their own.

### Admission Requirements

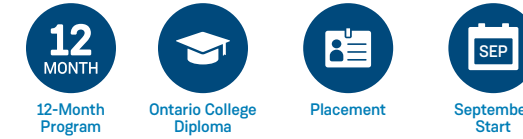
O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Esthetician



Salon and spa service providers across the globe are looking for qualified Estheticians to work with their clients. Our graduates set themselves apart from the competition by training in one of the largest training labs in Canada, with state-of-the-art facilities that prepare them for this growing profession.

The Esthetician program is an Ontario College Diploma offered over three consecutive terms. A graduate from this program will have completed an official two-year Ontario College Diploma in only 12 months.

Students learn a full range of spa services including semi-permanent hair removal, body treatments, makeup applications, manicures and pedicures. Curriculum emphasizes general business, sales, professionalism, and health and safety.

Upon graduation, students will obtain over 600 hours of practical hands-on experience while training at Salon & Spa at Lambton, as well as comprehensive in-class education from qualified and experienced instructors. The Salon & Spa at Lambton is a live practical lab where students provide esthetic services and practice business skills in preparation for spa management or ownership. Clients from the community eagerly await the opening of the Salon & Spa every term.

Students have the opportunity to take a field placement course that exposes them to many different esthetic locations including retail based operations, day spas and more. This experience allows them to familiarize themselves with a variety of potential work environments. It is also a great way for students to make valuable connections with potential future employers.

### Employment Opportunities

Our graduates have found positions both in Canada and around the world on cruise ships, hotels, spas and beauty salons. Some graduates will find work in sales as associate personnel, product trainers and/or distributors of esthetic products. Others may find employment with plastic surgeons or dermatologists. Some graduates will find fulfillment in entrepreneurial opportunities.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

- SRM-1013 Sports Marketing
- BUS-1003 Introduction to Business
- MKT-1103 Social Media Marketing
- COM-1013 Critical Thinking and Writing
- ESA-1013 Esports Gaming Foundation I
- PED-1073 Personal Wellness

### Term 2

- ESA-1043 Live Stream Programming
- ESA-2014 Esports Gaming Foundation II
- SRM-2603 Fundraising and Sport Sponsorship
- JSS-1001 Job Search and Success
- MAN-2103 Project Management
- GED-XXX3 General Education Elective

### Term 3

- SRM-5703 Sport Research and Analytics
- ESA-3002 Video/Audio Production
- ESA-3203 Technology in Esports
- ESA-3013 Esports Gaming Foundation III
- ACC-1093 Accounting Concepts I
- COM-2013 Communications for Business
- GED-XXX3 General Education Elective

### Term 4

- PHL-1253 Ethical Leadership and Critical Decision Making
- MKT-3403 Selling
- ESA-4001 Esports Law
- ESA-4015 Esports Gaming Project
- SCU-1603 Fundamentals of Entrepreneurship
- GED-XXX3 General Education Elective

### Term 1

- COM-1113 Workplace Communications
- SPA-1013 Manicure
- SPA-1023 Pedicure
- SPA-1033 Hair Removal I
- SPA-1044 Applied Spa Experience I
- SPA-1053 Skin Care I
- SPA-3062 Salon and Spa Development I
- SPA-3013 Make-up Artistry and Applications

### Term 2

- SPA-2033 Hair Removal II
- SPA-2046 Applied Spa Experience II
- SPA-2054 Skin Care II
- SPA-3004 Nail Technology and Chemistry
- SPA-4062 Salon and Spa Development II
- SPA-2024 Structure and Function of the Skin and Body
- GED-XXX3 General Education Elective
- GED-XXX3 General Education Elective

### Term 3

- SPA-3053 Skin Care III
- SPA-4004 Innovative Techniques
- SPA-4049 Final Applied Spa Experience
- SPAF-4065 Field Placement
- SPA-3073 Introduction to Medical Esthetics & Advanced Treatments
- GED-XXX3 General Education Elective

# General Arts & Science - College Exploration



This program is fully customizable to meet the unique needs and talents of our students.

The General Arts & Science - College Exploration program offers the extreme in personal flexibility and academic programming. Comprising a total of 11 courses, but only two required courses and one general education elective, students can literally design their own college certificate to explore career, education, and training opportunities.

This program is ideally suited for students who

- Are ready to re-enter the workforce and in need of a specific updated skill set
- Have targeted a highly competitive program and are looking for an edge
- Need a foundation and a little academic insurance to succeed as they return to school and pursue further studies

By providing students with a competitive edge – whether in employment or program admission – this program gives students the control to select courses from a wide range of disciplines, including business, humanities, social sciences, science, and technology.

### Employment Opportunities

The General Arts & Science - College Exploration program provides a gateway for further education or for advancing at work.

Canada is fast becoming a credentials-based work place. Our graduates have the competitive edge and improved ability to compete in many industries.

Graduates may be able to use selected courses for credit transfer into a college or university program.

Students seeking transfer credit (internal and external) should be aware that transferable courses may require a minimum grade level of B (3.0) to qualify, and that grade minimums (internal and external) for transfer can vary by institution as well as by program.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Hairstylist



The Hairstylist program is offered over three consecutive terms, and provides students with a two-year Ontario College Diploma delivered in only 12 months. This pre-apprenticeship program includes 1,500 hours of hairstyling education: 510 hours of hairstyling theory and 990 hours of practice in hair cutting, styling, colouring and lightening, permanent waving, chemical relaxing and hair additions and trends. Students will also have the opportunity to study three general education courses.

A highlight and important aspect of the learning experience is the operation of the Salon & Spa at Lambton, a live practical lab where students practice hairstyling skills and salon business skills in preparation for salon management or ownership. Each week, students welcome clients into the salon and offer a variety of services. The array of services grows throughout the year as students develop their knowledge and mastery of hairstyling skills.

At any point, the student may be eligible to register at an apprenticeship branch of the Ministry of Advanced Education and Skills Development as an apprentice to complete 2,000 hours of in-salon apprenticeship hours. Once both components, in-school and apprenticeship (in-salon) hours have been satisfied, graduates are able to write the provincial Certificate of Qualification Exam for an additional fee. Upon successful completion of this exam they become licensed hairstylists.

### Employment Opportunities

Our graduates work in salons, spas or resorts as hairstylists, stage artists, colour technicians, salon managers or business owners. They are also successful as sales representatives or product educators for manufacturers, distributors and retailers of hairstyling products.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

ELEC-0003 Elective - Select 4  
COM-1013 Critical Thinking and Writing

### Term 2

ELEC-0003 Elective - Select 4  
JSS-1001 Job Search and Success  
GED-XXX3 General Education Elective

### Term 1

HSL-1028 Permanent Waving  
HSL-1036 Hair Cutting I  
HSL-1008 Hair Colouring and Lightening I  
HSL-1046 Styling and Finishing Techniques I  
HSL-1064 Applied Salon Experience I  
SPA-3062 Salon and Spa Development I  
SPA-1033 Hair Removal (optional)  
SPA-3013 Make-Up Artistry and Application (optional)

### Term 2

HSL-2048 Chemical Relaxing  
HSL-2036 Hair Cutting II  
HSL-2007 Hair Colour and Lightening II  
HSL-2046 Styling and Finishing Techniques II  
HSL-2066 Applied Salon Experience II  
SPA-4062 Salon and Spa Development II  
GED-XXX3 General Education Elective

### Term 3

HSL-3075 Current Trends and Techniques  
HSL-3035 Hair Cutting III  
HSL-3007 Hair Colour and Lightening III  
HSL-3045 Styling and Finishing Techniques III  
HSL-3069 Applied Salon Experience III  
GED-XXX3 General Education Elective  
GED-XXX3 General Education Elective

# Heating, Refrigeration & Air Conditioning Technician



Refrigeration and air conditioning mechanics install, maintain, repair and overhaul residential central air conditioning systems, commercial and industrial refrigeration and air conditioning systems and combined heating, ventilation and cooling systems.

The Heating, Refrigeration & Air Conditioning Technician Ontario College Diploma prepares graduates for entry level positions in Electrical, Refrigeration, Sheet Metal or Heating and Air Conditioning Industries.

Curriculum follows the prescribed TSSA Gas Technician 3 and Gas Technician 2 syllabus, providing an opportunity for external certification. Graduates will also be eligible to write the external Refrigeration Handling Certification - Ozone Depletion Prevention.

### Employment Opportunities

Apprenticeship possibilities and job prospects are excellent, with above average wages and steady employment. Graduates find work in heating, air conditioning, sheet metal, electrical and refrigeration contracting firms. Other opportunities include petrochemical, building and facilities services, wholesale, distribution, parts and equipment manufacturing companies. The Labour Market Information from Ontario Job Futures shows that for the 2013-2017 period, employment opportunities for this NOC Code area are expected to be above average. This means that relative to the employment situation overall, there is a better likelihood of finding stable work in this occupation, and employment prospects are attractive or improving.

Career positions may include, but are not limited to: central air conditioning mechanic, commercial air conditioning mechanic, heating and cooling mechanic, commercial air conditioning mechanic, heating and cooling mechanic, heating, ventilation and air conditioning (HVAC) mechanic, refrigeration and air conditioning mechanic apprentice.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 12 Mathematics C or U

Please Note: Grade 12 Mathematics for College Technology or any Grade 12U mathematics is recommended; Grade 12 Foundations for College Mathematics (MAP4C) minimum final grade is 60%. If the program is highly competitive, preference will be given to students having Grade 12 Mathematics for College Technology or any Grade 12U mathematics, as well as Physics C or U.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
COM-1113	Workplace Communications
OHS-2012	Health and Safety
HVA-1504	Fundamentals of Refrigeration
HVA-1716	Gasfitter 3: Codes and Work Practices
MTH-1084	Mathematics for Electrical Circuits
GED-XXX3	General Education Elective

<b>Term 2</b>	
HVA-2157	Gasfitter 3: Electrical, Piping and Venting Systems
HVA-2504	Fundamentals of Refrigeration II
HVA-2042	Welding and Pipefitting
JSS-1001	Job Search and Success
ELC-1232	Introduction to Electrical Code
GED-XXX3	General Education Elective
GED-XXX3	General Education Elective

<b>Term 3</b>	
CPL-1049	Co-op Work Term (optional)

<b>Term 4</b>	
HVA-3504	Fundamentals of Refrigeration III
HVA-3031	Safety and Material Handling
HVA-3214	Gasfitter 2: Advanced Piping, Building Systems and Appliances
HVA-3229	Gasfitter 2: Electricity and Controls
HVA-3233	Gasfitter 2: Gas Pressure Controls and Gas-Fired Refrigeration

<b>Term 5</b>	
HVA-4162	HVAC Building Automation
HVA-4503	Fundamentals of Refrigeration IV
HVA-4243	Gasfitter 2: Conversion Burners, Water Heaters and Combination Systems
HVA-4254	Gasfitter 2: Forced Air Systems
HVA-4265	Gasfitter 2: Hydronic Systems and Venting II
HVA-4274	Gasfitter 2: Air Handling, Space Heaters and Appliances

# Instrumentation & Control Engineering Technology - Industrial Automation



Students who enjoy hands-on automation and process control will appreciate the strong training and technical foundation provided in the Instrumentation & Control Engineering Technology - Industrial Automation program.

Instrumentation, final control elements and process computer control systems in any manufacturing process environment are broken down into sequential logical steps, analyzed and control is implemented. In industry, measured variables are then monitored and controlled. Examples of these variables include pressure, flow, temperature, level, motion, force and chemical composition.

Topics of study include signal conditioning, transmitters, analyzers, controllers, control systems, and final control elements such as control valves, dampers, and electric motors. These are components of automated control loops. Typical process industries that utilize this technology include petrochemical, pharmaceutical, food processing, pulp and paper, automotive, and mining. Alongside the maintenance requirements of these industries there are other career options available including engineering, sales, and service providers and maintainers.

Students enrolled in this program will train in Lambton College's newly renovated Centre of Excellence in Energy & Bio-Industrial Technologies. The Centre offers state-of-practice technology laboratories and infrastructure to support learning and research in next-generation technologies in collaboration with industry. Numerous hands-on laboratories are designed to enable participants to install, configure, calibrate, troubleshoot, and maintain instruments (pneumatic, analog, digital) and control systems in a variety of industrial-replicated settings.

Graduates of this program are eligible to receive credit for all three levels of Ontario's Instrumentation & Control Technician (447A) in-school apprenticeship training.

### Employment Opportunities

Our graduates find employment in a wide variety of areas in the instrumentation and control field. Technologist opportunities for employment exist in the chemical, petroleum refining, food processing, automotive manufacturing, steel production, and pulp and paper industries. Typical positions include: process analyzer specialist, instrument designer, control systems technologist, instrument technologist, instrument technician, and process control.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 12 Mathematics C or U
- Grade 11 or 12 Chemistry C or U OR Grade 11 or 12 Physics C or U (both recommended, only one required)

Please Note: Grade 12 Mathematics for College Technology or any Grade 12U mathematics is recommended; Grade 12 Foundations for College Mathematics (MAP4C) minimum final grade is 60%. If the program is highly competitive, students with Grade 12 Mathematics for College Technology or any Grade 12U mathematics will be given preference. Applicants will be expected to communicate electronically and to use computer applications as required in their programs on a course by course basis.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	<b>September - December</b>
ICS-1302	Fundamentals of Instrumentation I
MTH-1904	Mathematics for Technology I
ELE-1055	Electric Circuits I
CHM-1304	Introductory Applied Chemistry
COM-1013	Critical Thinking and Writing
GED-XXX3	General Education Elective

<b>Term 2</b>	<b>January - April</b>
ICS-2303	Fundamentals of Instrumentation II
MTH-2904	Mathematics for Technology II
ELE-2055	Electric Circuits II
PHY-2204	Physics
COM-2043	Communications for Technology
GED-XXX3	General Education Elective

<b>Term 3</b>	<b>September - December</b>
ICS-3305	Process Instrumentation I
STA-1903	Statistics for Technology
ELE-3505	Electronic Devices and Circuits I
ICS-3204	Introduction to AutoCAD for Instrumentation and Control
CHM-2812	Introduction to Industrial Chemical Processes
JSS-1001	Job Search and Success
GED-XXX3	General Education Elective

<b>Term 4</b>	<b>January - April</b>
ICS-4305	Process Instrumentation II
ELC-3744	Digital Logic
ICS-5305	Process Control Systems
ELE-3155	Electrical Systems and Control
MTH-3903	Mathematics for Technology III

<b>Term 5</b>	<b>May - August</b>
CPL-1049	Co-op Work Term I - Four Months

<b>Term 6</b>	<b>September - December</b>
CPL-2049	Co-op Work Term II - Four Months

<b>Term 7</b>	<b>January - April</b>
ICS-6405	Process Analyzer Systems
MTH-4903	Mathematics for Technology IV
ICS-5354	Programmable Logic Control
ICS-5703	Systems Automation
ICS-6233	Process Instrumentation Project Management and Documentation

<b>Term 8</b>	<b>May - August</b>
CPL-3049	Co-op Work Term III - Four Months

<b>Term 9</b>	<b>September - December</b>
ICS-6715	Control System Architecture and Data Communication
ELE-6154	Electrical Systems and Controls II
ICS-6309	Advanced Process Control
ICS-6204	Instrumentation and Control Capstone Project

# Liberal Studies



This program is a true pathway program. Liberal Studies is designed for those who wish to pursue a university education or degree completion. Following completion of the program, and provided that all requirements are met, students will have the opportunity to apply for entry into a university degree.

This program is rooted in a variety of humanities and social science disciplines. An emphasis on developing university-level skills in critical thinking, communication, research, literacy and numeracy prepares students for professional environments which impact society, business and technology.

Graduates of the Liberal Studies program may receive transfer credits toward degrees at Ontario universities. Graduates of this program may apply to Huron, Brescia, King's or Western University for acceptance into the second year of a specified Bachelor program. Specific details regarding these transfer opportunities are available upon request from the Centre of Educational Pathways.

### Employment Opportunities

Our graduates use the Liberal Studies program to transfer to university or college diploma programs. Some graduates opt to enter direct employment. Recent data shows that Liberal Studies graduates are in high demand in a number of sectors, for instance, in the technology field. Graduates can also be found in community agencies, administration, marketing, education and social services.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	ANT-1003 Introduction to Physical Anthropology
	COM-1013 Critical Thinking and Writing
	SOC-1003 Sociology I
	PSY-1003 Psychology I
	GED-XXX3 General Education Elective
<b>Term 2</b>	MTH-1163 General Mathematics I
	ANT-2003 Introduction to Cultural Anthropology
	COM-2053 Communications for Community Services
	PSY-1053 Human Relations
	GED-XXX3 General Education Elective
<b>Term 3</b>	POL-1003 Canadian Politics and Government I
	GED XXX3 General Education Elective
	ELEC-0003 Elective - Select 3
<b>Term 4</b>	SOC-2003 Sociology II
	POL-2003 Canadian Politics and Government II
	PSY-2003 Psychology II
	ELEC-0003 Elective - Select 2

# Massage Therapy



The Massage Therapy program at Lambton College is well-known provincially and nationally for producing highly qualified and successful Massage Therapists.

Graduates of the Lambton College Massage Therapy program perform extremely well at the Provincial Registration exams year after year. Lambton College's advanced diploma program will equip students with the academic knowledge, hands on skills, and experiential learning opportunities needed to succeed as a regulated health professional.

Massage students study in the new state-of-practice NOVA Chemicals Health & Research Centre that is fully equipped with the latest industry standard technologies.

Students are surrounded by experienced professional faculty and have the opportunity to develop their skills in the community with a variety of diverse populations. Graduates of the Lambton College Massage Therapy program have amazing opportunities to pursue university degrees if they choose to take advantage of the many transfer or articulation agreements that exist.



Preliminary Accreditation – the Massage Therapy program at Lambton College has been granted Preliminary Accreditation, the first step in the CMTCA accreditation process. Following a site visit to verify compliance with the standards, CMTCA will issue a final accreditation decision.

### Employment Opportunities

Our graduates are often self-employed or work in a variety of health and wellness settings. Examples include offering of massage therapy in connection with a wide variety of health care providers such as chiropractors, physiotherapists, and hospitals, or providing massage in a health spa environment.

### Admission Requirements

O.S.S.D. or equivalent with a minimum grade of 60% in the following:

- Grade 12 English C or U
- Grade 11 or 12 Biology C or U
- or-
- Grade 12 Exercise Science (PSE4U)
- or-
- Grade 12 Introductory Kinesiology (PSK4U)
- or-
- Grade 11 or 12 Health Care (TPJ3M or TPJ4M)

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	MST-1024 Massage Theory
	MST-1036 Massage Lab
	MST-1923 Anatomy
	MST-1914 Physiology and Pathology
	MST-2303 Professional Growth
	IPH-1001 Interprofessional Perspectives
	COM-1013 Critical Thinking and Writing
<b>Term 2</b>	MST-2006 Massage Treatments I
	MST-2907 Anatomy and Physiology II
	COM-2033 Communications for Health
	GED-XXX3 General Education Elective
	GED-XXX3 General Education Elective
<b>Term 3</b>	MST-3006 Massage Treatments II
	MST-3602 Introduction to Clinic Outreach I
	MST-3703 Outreach I
<b>Term 4</b>	MST-4006 Massage Treatments III
	MST-4604 Clinic
	MST-4703 Outreach II
	MST-4908 Anatomy and Physiology III
	GED-XXX3 General Education Elective
<b>Term 5</b>	MST-5006 Massage Treatments IV
	MST-5604 Clinic
	MST-5703 Outreach III
	MST-5803 Business (Nine Weeks)
	MST-5907 Anatomy and Physiology IV
<b>Term 6</b>	MST-5205 Master Practicum
	MST-6006 Massage Treatments V
	MST-6604 Clinic

# Millwright Mechanical Technician



This program is well suited for those who enjoy working with mechanical applications. Students are provided with the skills necessary to safely install, troubleshoot, overhaul and maintain a variety of mechanical equipment used in industrial operations. The program also integrates best practices commonly used in the industry. Areas of study include: machining, blueprint reading, hydraulics and pneumatics, electronic, power transmission and lubrication, materials science, preventative and predictive maintenance, project management, PLC, Robotics, CNC, and 3D modeling.

The Millwright Mechanical Technician program is recognized by the Ministry of Advanced Education and Skills Development as a co-op/diploma program. Graduates meet the program standards of an Ontario Mechanical Technician, as well as the in-school training of an Industrial Millwright Apprenticeship.

Students who are in good academic standing during the first two terms of the program will be eligible to apply for a four-month, co-op job placement as available. A student is considered to be in good academic standing if they have passed all of their courses and have maintained a GPA of 2.5 or greater. Students seeking co-op job placement positions must apply for them and be chosen following an interview process. The college actively pursues companies to participate in the program but cannot guarantee co-op placements for each student.

### Employment Opportunities

Our graduates find employment in the petrochemical, plastics, food packaging, manufacturing, automotive, steel-making, heavy equipment, mining and lumber industries. Most graduates complete their apprenticeship although some choose employment as a mechanical technician. Technician employment opportunities have included predictive maintenance, scheduling, estimating, and non-destructive testing/evaluation.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 12 Mathematics C or U
- Grade 11 or 12 Physics C or U (recommended)

Please Note: Grade 12 Mathematics for College Technology or any grade 12U mathematics is recommended; Grade 12 Foundations for College Mathematics (MAP4C) minimum final grade is 60%. If the program is highly competitive, students with Grade 12 Mathematics for College Technology or any Grade 12U mathematics will be given preference.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

**Term 1 September - December**  
 IMT-1107 Maintenance Tools and Techniques  
 IMT-1112 Drawing and Schematics I  
 IMT-1132 Rigging and Hoisting  
 COM-1113 Workplace Communications  
 JSS-1001 Job Search and Success  
 MTH-1253 Mechanical Mathematics I  
 WEL-1123 Safety and Welding Basics

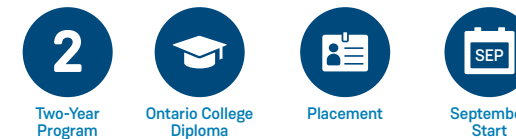
**Term 2 January - April**  
 IMT-1233 Pumps, Valves, Piping and Seals  
 IMT-2205 Maintenance Machine Shop  
 IMT-2212 Drawings and Schematics II  
 IMT-2245 Power Transmission Bearings and Lubrication  
 MTH-2153 Mechanical Mathematics II  
 WEL-2225 Advanced Welding and Fabrications  
 IMT-4523 Solid Works AutoCAD

**Co-op May - August**  
 CPL-1049 Co-op Work Term

**Term 3 September - December**  
 IMT-2525 Pneumatics and Hydraulics  
 IMT-2364 Basic Science and Mechanical Theory  
 ELE-1044 Electrical Fundamentals  
 IMT-4414 Advanced Compressors and Pumps  
 GED-XXX3 General Education Elective  
 GED-XXX3 General Education Elective

**Term 4 January - April**  
 IMT-1413 Industrial Materials and Metallurgy  
 IMT-3444 Preventive and Predictive Maintenance  
 IMT-4234 PLC and Robotics  
 IMT-4622 Shutdown Lean Manufacturing  
 IMT-3543 Turbines and Prime Movers  
 GED-XXX3 General Education Elective

# Occupational Therapist Assistant & Physiotherapist Assistant



With ever-increasing numbers of aging people requiring assistance to continue a full life and with changes to the way health care services are delivered, the need has never been greater for Occupational Therapists, Physiotherapists, and their assistants.

The Lambton College Occupational Therapist & Physiotherapist Assistant, Ontario College Diploma program will train students to help people of all ages as they strive to recover and regain functional independence from injury, trauma, surgery, or chronic health conditions or illnesses such as cancer, cardiovascular disease, arthritis and mental illness.

This new and exciting program is being offered in the newly opened NOVA Chemicals Health & Research Centre. The unique program curriculum will engage students throughout a four-term program, as students learn how to assist clients to achieve their health goals. Students develop the ability to work with both professions as they focus their studies on occupational therapy and physical therapy education. The integration of in-class studies with hands-on experience is accomplished through rich experiential learning opportunities and practice in a range of clinical settings.

As with many other health-related fields, this program is suitable for compassionate, empathetic students who possess a concern for the well-being of others.

### Employment Opportunities

The Lambton College Occupational Therapist Assistant & Physiotherapist Assistant, Ontario College Diploma program prepares graduates for a broad range of employment opportunities. As Occupational Therapy Assistants and Physiotherapy Assistants, graduates can expect a wide variety of rewarding career opportunities that are dynamic and challenging.

Graduates may work as Occupational Therapy Assistants and Physiotherapy Assistants in various employment settings such as hospitals, rehabilitation centres, community care facilities, mental health agencies, clinics, community and government agencies and schools.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 11 or 12 Biology C or U
- or-
- Grade 11 or 12 Chemistry C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

**Term 1**  
 NSG-1183 Human Anatomy and Physiology I  
 OPA-1003 Human Movement and Functions  
 COM-1013 Critical Thinking and Writing  
 IPH-1001 Interprofessional Perspectives - Health  
 OPA-1012 Introduction to Rehabilitation  
 HGD-1013 Human Growth and Development  
 PSY-1003 Psychology I  
 GED-XXX3 General Education Elective

**Term 2**  
 NSG-2183 Human Anatomy and Physiology II  
 OPA-2003 OTA Skills: Occupation  
 COM-2033 Communications for Health  
 OPA-2013 Clinical Conditions in Rehabilitation  
 OPA-2023 OTA/PTA Skills: Foundations of Therapeutic Exercise  
 GED-XXX3 General Education Elective  
 GED-XXX3 General Education Elective

**Term 3**  
 OPA-3001 Field Experience Prep  
 OPA-3023 OTA/PTA Skills: Transfers, Gait and Mobility  
 OPA-3033 OTA/PTA Clinical Skills: Electrophysical Modalities and Cardiopulmonary Rehabilitation  
 OPA-3043 OTA Clinical Skills: Person and the Environment  
 OPA-3053 Enhanced Therapeutic Skills  
 OPAF-3018 Field Experience I

**Term 4**  
 OPA-4003 Clinical Case Studies: Consolidation  
 OPA-4013 Rehabilitation: Broader Perspectives and Current Trends  
 OPA-4023 Professional Practice  
 OPAF-4018 Field Experience II  
 OPA-4034 Capstone Consolidation

# Office Administration - Executive



Office Administration is a role that involves regular interaction with all levels of an organization. Today's competitive global businesses require office professionals to be responsible, to manage the administrative tasks that support their fast-paced, dynamic office environments and to provide effective support to all levels of management. Employers need administrative professionals with exceptional computer skills using a wide variety of software programs, the ability to communicate professionally, the ability to provide excellent customer service, and the organizational expertise to keep the office running smoothly.

This Executive diploma program is designed for those seeking challenge and responsibility, advanced business technical skills, and are known for having a keen eye for detail. Students will learn to apply advanced administrative professional skills and manage professional business applications to achieve highly-skilled office careers. Administrative professionals often act as a connecting link between the senior management and the employees in an organization.

Students develop their technical skills including computerized accounting, business communications, interpersonal, social media and web management. With a wide variety of hands-on practical experience built into the program, and emphasis on professional business applications, critical thinking, meeting and event management and problem solving, graduates of this program are fully trained to meet the demands of today's evolving office environment.

Students experience an active learning environment including an optional internship in Term 4 that provides up to 180 hours of practical office experience. Executive students are strongly encouraged to register for the CPL-1003 Internship course. Students also produce a professional portfolio and participate in a professional mock job interview. Students are also provided opportunities to grow their co-curricular record.

In the 2019 Key Performance Indicator (KPI) survey, 94% of the students were satisfied or very satisfied that the Office Administration - Executive program provided them with the knowledge and skills that were useful for their future career. Likewise, 94% of the students were satisfied or very satisfied with the quality of the program and their learning experiences and 97% of the students were satisfied or very satisfied that the program developed their computer skills.

### Employment Opportunities

Our graduates have the professional skills, knowledge and practical experience to pursue rewarding careers in business, industry, government, manufacturing, education, transportation, hospital departments (particularly administration), law and numerous other professional services. Some job titles used for these types of positions are accounting clerk, administrative assistant, executive assistant, office manager, senior administrative support officer, support coordinator, and human resources assistant.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

- OAG-1025 Document Production I and Keyboarding
- OAG-1023 Online Communications and Social Media
- OAG-1153 Multimedia Presentations
- MTH-1002 Business Mathematics
- COM-1013 Critical Thinking and Writing
- GED-XXX3 General Education Elective

### Term 2

- OAG-2214 Document Production II
- OAG-2204 Professional Workplace Skills
- OAG-2314 Spreadsheet Management
- ACC-2503 Financial Foundations
- JSS-1001 Job Search and Success
- GED-XXX3 General Education Elective

### Term 3

- OXH-3003 Document Production III
- OXH-3803 Database Management
- OAX-3084 Advanced Management Applications
- ACC-3903 Financial Applications in Business
- COM-2013 Communications for Business
- GED-XXX3 General Education Elective

### Term 4

- OAX-4304 Desktop Publishing
- OAX-4005 Executive Capstone and Event Management
- OAX-4104 Web Management
- CPL-1003 Internship - Part-Time\*
- OR -
- OHS-1023 Occupational Health and Safety\*

*\*In addition to completing the Term 4 courses, students are highly encouraged to register for the CPL-1003 Internship. If students don't take CPL-1003, they must take OHS-1023 Occupational Health and Safety.*

Upon completing this program, students may complete the second year of the Office Administration - Health Services program and graduate with a double diploma. For more information, visit [lambtoncollege.ca/OADH](http://lambtoncollege.ca/OADH)

# Office Administration - General



In many ways, choosing a career in office administration means choosing to be at the core of an organization's operations. Lambton College's Office Administration - General program is ideal for those looking to develop their organizational, professional business, technical, and communication skills. It is an excellent stepping stone to a great career in office administration, offering students the required administrative support knowledge that will enhance the very important entry-level role in any office to be successful.

With a wide variety of hands-on practical experience such as, learning to expertly use a series of Microsoft Office programs, general accounting, fundamental office skills and soft skills for effective communication, graduates of this program are fully trained to meet the demands of today's challenging work environments. Graduates with these skills have the advantage of experiencing a range of work opportunities because these skills are highly transferable.

The General program is also a common year for the two-year diploma programs, so students who wish to further their acquired skills and obtain specialization before taking employment can automatically enter the second year of either the Office Administration - Health Services or Executive programs. Students who choose to further their education by registering for year two in either specialty are strongly encouraged to register for CPL-1003 Internship in Term 4 to gain work experience in an office.

Office Administration students have opportunities throughout Lambton College to gain experience and grow their portfolios through participating in various activities to build their co-curricular records.

In a 2019 Key Performance Indicator (KPI) survey, 100% of the students indicated the program developed their computer skills. Likewise, 94% of Office Administration - General students said their main goal for enrolling was to prepare for employment or a career.

### Employment Opportunities

Many of our graduates use the Office Administration - General certificate program as a foundation for their careers in a business setting. They are able to demonstrate the basic skills needed to perform routine tasks to effectively and efficiently contribute in a variety of office settings. Graduates will be prepared for entry-level positions such as office assistants, front desk coordinators, or customer service representatives in business, industry and government.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

- OAG-1025 Document Production I and Keyboarding
- OAG-1023 Online Communications and Social Media
- OAG-1153 Multimedia Presentations
- MTH-1002 Business Mathematics
- COM-1013 Critical Thinking and Writing
- GED-XXX3 General Education Elective

### Term 2

- OAG-2214 Document Production II
- OAG-2204 Professional Workplace Skills
- OAG-2314 Spreadsheet Management
- ACC-2503 Financial Foundations
- JSS-1001 Job Search and Success
- GED-XXX3 General Education Elective



# Office Administration - Health Services



The Office Administration – Health Services diploma program at Lambton College is ideal for those students interested in providing support in a health and wellness care setting outside of the direct patient-care specialty. This two-year program prepares graduates to assist in medical and health-related offices. The positions may include assisting medical practitioners and wellness professionals to keep the office operating effectively or supporting the many offices or departments of hospitals or health care facilities. Employers need health care administrative professionals with exceptional medical office and advanced-level technological skills, including skills in transcription of a wide range of medical data, the ability to provide excellent customer service and the organizational expertise and discretion to keep the office running smoothly. One of the key components associated with a high level of workplace productivity and efficiency is Office Administration.

The final two terms focus on health services office administration with a concentration on medical terminology and its construction as well as a detailed background in anatomy and physiology. Students will be familiar with procedures required to operate a medical office including fundamentals of pharmacology, expert medical keyboarding, as well as OHIP billing and electronic records management. With a wide variety of hands-on practical experience built into the program, graduates of the Office Administration - Health Services program are fully trained to meet the demands of today's health care and wellness setting. Students embrace an active-learning environment including an optional internship in the fourth term providing up to 180 hours of practical health care office and wellness experience. Health Services students are strongly encouraged to register for the CPL-1003: Internship. Students are also provided opportunities to grow their co-curricular record.

In the 2019 Key Performance Indicators (KPI) survey, 100% of the students were satisfied or very satisfied that this program provided them with the knowledge and skills that were useful for their future career. Likewise, 100% of students were satisfied or very satisfied with the quality of the program and their learning experiences and 100% of the students were satisfied or very satisfied that the program developed their computer skills.

### Employment Opportunities

Our graduates have the professional skills, knowledge and proficiency to pursue careers in offices of physicians, specialists, clinics, dentists, hospital departments, and health and wellness offices. Some job titles used for these types of positions are medical receptionist, medical transcriptionist, client services, customer care agent, nursing clerical assistant, medical assistant and medical support clerk.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

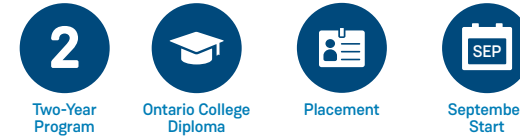
For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
OAG-1025	Document Production I and Keyboarding
OAG-1023	Online Communications and Social Media
OAG-1153	Multimedia Presentations
MTH-1002	Business Mathematics
COM-1013	Critical Thinking and Writing
GED-XXX3	General Education Elective
<b>Term 2</b>	
OAG-2214	Document Production II
OAG-2204	Professional Workplace Skills
OAG-2314	Spreadsheet Management
ACC-2503	Financial Foundations
JSS-1001	Job Search and Success
GED-XXX3	General Education Elective
<b>Term 3</b>	
OXH-3003	Document Production III
OAH-3024	Medical Transcription I and Keyboarding
OAH-3204	Medical Terminology, Anatomy and Physiology I
OXH-3803	Database Management
COM-2013	Communications for Business
GED-XXX3	General Education Elective
<b>Term 4</b>	
OAH-4002	Pharmacology
OAH-4072	Medical Transcription II
OAH-4303	Medical Terminology, Anatomy and Physiology II
OAH-4402	Medical Office Billing
OAH-4104	Health Services Office Procedures
CPL-1003	Internship - Part-Time*
- OR -	
OHS-1023	Occupational Health and Safety*

*\*In addition to completing the Term 4 courses, students are highly encouraged to register for the CPL-1003 Internship. If students don't take CPL-1003, they must take OHS-1023 Occupational Health and Safety.*

Upon completing this program, students may complete the second year of the Office Administration - Executive program and graduate with a double diploma. For more information, visit [lambtoncollege.ca/OADE](http://lambtoncollege.ca/OADE)

# Paramedic



Students looking for a challenging career opportunity in emergency care services, health facilities, and other health care agencies, will find that Lambton College's Paramedic program can get them there with the skills they need to succeed. Students choose Lambton College because:

They can apply their skills in state-of-the-art experiential learning simulation environments:

- Paramedic Lab and Ambulance Simulator – students experience what it feels like to drive emergency vehicles in varied road conditions in a safe and controlled learning environment.
- Community Apartment Virtual Lab - allows for a real life working environment in a controlled setting.
- Our graduates are eligible to work anywhere in Canada – it is one of only a few programs with National Accreditation through Equal Canada.
- There are a number of volunteer opportunities that exist for students to assist with paramedic services in the community (i.e. OHL Sarnia Sting games, local fundraising and entertainment events).

Graduates apply relevant theory, practice safely and competently, and comply with current legislation, regulations, standards, and established policies and procedures. Students are encouraged to use their free gym membership since fitness is a major attribute to success in several areas of the program.

Access to a vehicle is also required to attend clinical sites in terms 2, 3 and Consolidation in term 4. Students are encouraged to complete Class F Ontario Driver's license at their earliest convenience to prepare for employment opportunities.

### Employment Opportunities

Our graduates are employed in emergency medical services. Many graduates further their education to the Advanced Care Paramedic level. A Class F driver's license is required for employment.

### Admission Requirements

O.S.S.D. or equivalent with a minimum grade of 70% in the following:

- Grade 12 English C or U
- Grade 11 or 12 Mathematics C or U
- Grade 11 or 12 Chemistry C or U
- Grade 11 or 12 Biology C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
COM-1013	Critical Thinking and Writing
IPH-1001	Interprofessional Perspectives
PARA-1004	Patient Care Theory I
PARA-1014	Patient Care Procedures I
PARA-1022	Medical-Legal Aspects
PARA-1033	Anatomy and Physiology I
PARA-1043	Crisis Intervention
PED-1043	Fitness for the Paramedic I
GED-XXX3	General Education Elective
<b>Term 2</b>	
COM-2073	Communications for Paramedics
PARA-2004	Patient Care Theory II
PARA-2015	Patient Care Procedures II
PARA-2024	Pathophysiology - Emergency Medical Care
PARA-2033	Anatomy and Physiology II
PARA-2103	Field Experience I
PED-2043	Fitness for the Paramedic II
<b>Term 3</b>	
PARA-3004	Patient Care Theory III
PARA-3015	Patient Care Procedures III: Lab
PARA-3033	Operations and Professional Issues
PARA-3084	Advanced Skills for Primary Care - Theory
PARA-3106	Clinical Experience II
PED-3043	Fitness for the Paramedic III
GED-XXX3	General Education Elective
<b>Term 4</b>	
PARA-4106	Clinical Experience III (consolidation)
PARA-4122	Paramedic Comprehensive Review
GED-XXX3	General Education Elective

# Personal Support Worker



As the health care system in Canada evolves, the demand for Personal Support workers is increasing in long term care facilities, retirement homes, home care settings and hospitals.

The Personal Support Worker program prepares graduates to provide care and assistance to clients of any age who have defined health care needs including help with their activities of daily living. Through theory classes and experiential learning opportunities, including simulation and clinical placements, the student will learn to make a difference in clients' lives by alleviating loneliness, providing empathy, ensuring comfort, encouraging independence, and promoting self-respect in all health care settings.

As part of the program, students will also complete The Fundamental of Hospice Palliative Care Certificate and the Gentle Persuasive Approaches Certificate.

### Employment Opportunities

Begin a rewarding career as a personal support worker in community health care, long-term care homes, retirement homes and hospitals in less than a year. As the industry continues to grow and the demand for personal support workers increases, you can feel confident about your job opportunities post-graduation. At this time, there is a high demand for personal support workers and opportunities for local jobs.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

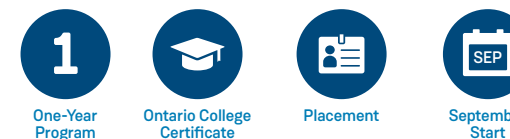
### Term 1

- COM-1113 Workplace Communications
- IPH-1001 Interprofessional Perspectives
- PSW-1003 Client Care Issues
- PSW-1023 Ongoing Health Conditions I
- PSW-1043 Anatomy and Physiology
- PSW-1013 Clinical Skills Theory
- PSWC-1014 Clinical Skills Lab
- GED-XXX3 General Education Elective

### Term 2

- PSW-2003 Palliative Care
- PSW-2023 Ongoing Health Conditions II
- PSW-2032 Career Development
- PSW-2053 Health and Development Across the Lifespan
- PSWC-2006 Clinical Practice
- PSWC-3006 Pre-Graduate Clinical (Five weeks)

# Personal Support Worker - Pre-Practical Nursing Pathway



As the health care system in Canada evolves, the demand for Personal Support workers is increasing in long term care facilities, retirement homes, home care settings and hospitals.

The Personal Support Worker program prepares graduates to provide care and assistance to clients of any age who have defined health care needs including help with their activities of daily living. Through theory classes and experiential learning opportunities, including simulation and clinical placements, the student will learn to make a difference in clients' lives by alleviating loneliness, providing empathy, ensuring comfort, encouraging independence, and promoting self-respect in all health care settings.

As part of the program, students will also complete The Fundamental Hospice Palliative Care Certificate and the Gentle Persuasive Approaches Certificate.

Graduates of this program who have achieved a grade of B in all courses and have one year of work experience as a Personal Support Worker, or the equivalent of 1,000 hours, are eligible to apply to Lambton College's Practical Nursing Program.

### Employment Opportunities

Begin a rewarding career as a personal support worker in community health care, long-term care homes, retirement homes and hospitals in less than a year. As the industry continues to grow and the demand for personal support workers increases, you can feel confident about your job opportunities post-graduation. At this time, there is a high demand for personal support workers and opportunities for local jobs.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

- COM-1113 Workplace Communications
- PSW-1043 Anatomy and Physiology
- PSW-1003 Client Care Issues
- PSW-1023 Ongoing Health Conditions I
- PSW-1013 Clinical Skills Theory
- PSWC-1014 Clinical Skills Lab
- IPH-1001 Interprofessional Perspectives Health
- GED-XXX3 General Education Elective

### Term 2

- PSW-2003 Palliative Care
- PSW-2023 Ongoing Health Conditions II
- PSW-2032 Career Development
- PSW-2053 Health and Development Throughout Life
- PSWC-2006 Clinical Practice
- PSWC-3006 Pre-Graduate Clinical (Five Weeks)
- MTH-1055 Introduction to Mathematics

# Pharmacy Technician



A Pharmacy Technician is a licensed healthcare professional within the health care team. This program offers low student-teacher ratios with experts who continue to work in the field. Pharmacy Technician students gain the knowledge, skills and professionalism required for success in retail, hospital, long-term care and specialty settings. Students learn about relevant legislation, health care ethics, anatomy and physiology, pharmacology, customer care, hospital and retail software systems, calculations, inventory management, hospital practice, and infection control.

Traditional in-class instruction is coupled with blended learning and then enhanced through teamwork, role playing activities, guest speakers and innovative lessons. Three fully equipped pharmacy labs provide students with hands-on experience dispensing medications, compounding pharmaceutical products and developing aseptic techniques.

During Term 4, students travel outside of Lambton College as part of a capstone assignment for PHR-4022. This trip includes presentations, tours, networking and opportunities to see other areas in which a pharmacy technician can work. Additional costs may be required.

Students will complete two unpaid field placements under the supervision of a pharmacist/technician after the completion of all core courses: one in a community pharmacy and one in a hospital pharmacy setting. These experiential learning placements take place May through July. Travel and additional costs are required.

Upon graduation students are eligible to write national and provincial licensing exams.

The Pharmacy Technician Program of Lambton College has been awarded the status of Accreditation by the Canadian Council for Accreditation of Pharmacy Programs for a five year term from January 1, 2018 to December 31, 2022.

### Employment Opportunities

Our graduates can be found in the following areas: community, hospital, long-term care or compounding pharmacies, methadone dispensing specialty pharmacies, drug manufacturers, third-party insurance companies, computer software, academia research or government.

### Admission Requirements

O.S.S.D. or equivalent with a minimum grade of 60% in the following:

- Grade 12 English C or U
- Grade 11 or 12 Mathematics C or U
- Grade 11 or 12 Biology C or U
- Grade 11 or 12 Chemistry C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

- COM-1013 Critical Thinking and Writing
- IPH-1001 Interprofessional Perspectives
- PHR-1023 Pharmacy Fundamentals and Legislature
- PHR-1012 Applied Pharmaceutical Calculations I
- PHR-1042 Interpersonal Interaction in Pharmacy Practice
- PHR-1036 Retail Dispensing Theory/Lab
- PHR-1093 Anatomy and Physiology
- GED-XXX3 General Education Elective

### Term 2

- COM-2033 Communications for Health
- PHR-2034 Retail Dispensing Lab and Inventory Practices
- PHR-2043 Pharmacology I
- PHR-2053 Non-Prescription and Home Health Products
- PHR-2064 Pharmacy Compounding Theory/Lab
- GED-XXX3 General Education Elective

### Term 3

- PHR-3012 Applied Pharmaceutical Calculations II
- PHR-3023 Computer and Institutional Dispensing
- PHR-3043 Pharmacology II
- PHR-3064 Sterile Techniques Theory/Lab I
- PHR-3073 Hospital Pharmacy Procedures
- PHR-3083 Professional Issues
- GED-XXX3 General Education Elective

### Term 4

- PHR-3051 Examination of Prescriptions
- PHR-4033 Institutional Dispensing II
- PHR-4063 Sterile Theory/Lab II
- PHR-4022 Journey to Practice
- PHR-3106 Community Field Placement
- PHR-4106 Institutional Field Placement

# Photography



Today's successful photographers know more than just their cameras: they're also ready to design, edit, market, connect, write, and sell. Our students prepare for this fast-paced and ever expanding career using modern digital photographic equipment in a state-of-the-art photography studio. The program is laptop-based and fully hybrid (a combination of both online and in-class learning), offering students the benefits of flexible learning.

Photography students at Lambton College are encouraged to follow their passion as they explore diverse photographic interests, all while developing the technical skills necessary for creative control. The curriculum covers a broad range of topics, including design and composition, digital darkroom, web and social media fundamentals and portfolio development. Students have the opportunity to collaborate with classmates as they photograph events both on and off campus, and a photography field study in New York City during second year challenges students to expand their horizons. See some of our students' work from previous classes by visiting [lensonlambton.com](http://lensonlambton.com).

Students learn from current and award winning industry leaders who share the secrets they've learned through their decades of photography experience.

At the core of the Photography program is our state-of-the-art photography and video studio, equipped with strobe, video and continuous light kits. Students work in this space, both individually and in small groups, using professional-quality equipment from our loan department.

Artistic career aspirations become a reality with Lambton College's Photography program.

### Employment Opportunities

Our graduates pursue a variety of employment opportunities such as travel, sports, portrait, photojournalism, wedding and fashion photographers, photo manipulation, restoration artists and multi-media professionals. Careers exist in commercial, corporate, private and personal businesses.

Graduates are encouraged to understand their niche and pursue it passionately. Relocation should be considered depending on the career aspirations of graduates.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

- DPH-1003 Digital Photography Techniques I
- COM-1113 Workplace Communication
- DPH-1203 Design and Composition for Photographers
- DPH-1403 Lighting Techniques I
- DPH-1102 Digital Darkroom I
- GED-XXX3 General Education Elective

### Term 2

- DPH-1013 History of Art and Photography
- DPH-2003 Digital Photography Techniques II
- DPH-3203 Digital Darkroom II
- DPH-2403 Lighting Techniques II
- DPH-2113 Portrait and Wedding Photography I
- GED-XXX3 General Education Elective

### Term 3

- DPH-3053 Popular Culture for Photographers
- DPH-3102 Digital Darkroom III
- DPH-3223 Photojournalism
- DPH-3403 Commercial Photography
- DPH-3113 Portrait and Wedding Photography II
- DPH-2703 Drone Photography

### Term 4

- MKT-1103 Social Media Marketing
- DPH-4023 The Business of Photography
- DPH-1703 Video Production
- DPH-4006 Portfolio Development
- GED-XXX3 General Education Elective

# Police Foundations



Individuals with an educational aspiration for entry into policing, other related law enforcement agencies, or careers in law and justice will find it with the Police Foundations program.

During the first year, a broad theoretical foundation is provided on human relations, mental health, critical interpersonal communication and team building skills and an overview of the criminal justice system. The second year focuses on courses specific to law enforcement, investigation, police powers and community policing. Students also achieve certification in Non-Violent Crisis Intervention training from the Crisis Prevention Institute and Introduction to Incident Management System (IMS 100) from Emergency Management Ontario. The goal of the Police Foundations program is to provide students with a well-rounded education that prepares them for not only a career in law enforcement, but also as a foundation for continual educational pathways into related fields of study.

Our criminal justice lab offers students the opportunity to bridge the gap between theory and practice in an innovative real world setting. By moving beyond theory, students learn by doing and get first-hand experience of practicing what has been taught. Students also gain volunteer hours and field related experience through participation in Lambton College's student run Safe Walk program. Lambton College's faculty is diverse representing the criminal justice system, police, border, security and other related professionals. Specialized courses within the program have an interdisciplinary focus and allow students from various first responder courses to learn together in the classroom and in scenarios. These experiential learning opportunities, coupled with small class sizes, ensures students receive a quality educational experience.

### Employment Opportunities

Our graduates find employment with: military police, special constables (transit police), by-law enforcement, Canada Border Services, correctional services (federal and provincial), police services — federal, provincial, regional or municipal, loss prevention/retail security, alcohol and gaming (casinos/slots), industrial/corporate security, and private security/investigation.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Power Engineering Technology



Throughout Canada only certified Power Engineers are permitted to operate, maintain and manage equipment such as boilers, compressors, turbines and refrigeration units. Lambton College's newly renovated closed loop 107 KW power generation plant operates exclusively as a training facility and is located in Centre of Excellence in Energy & Bio-Industrial Technologies. This is the only training unit of its kind in Ontario and students work collaboratively to generate and operate the power plant. In addition, the Centre also offers many other state-of-practice laboratories including distillation pilot plants, water treatment facilities, computer simulators, electrical and control systems and much more.

You will gain knowledge and skills of plant operations and maintenance focusing on the 4th Class level in year one, the 3rd Class level in year two, and the 2nd Class level in the final year.

There are 4 different levels of Operating Engineer status granted by the Technical Standards and Safety Authority (TSSA), each level involving more complex tasks which qualify individuals for higher level employment. Lambton College's Power Engineering Technology program follows the curriculum of the standardized Power Engineer's examination committee (SOPEEC) and prepares students to write the TSSA examinations for 4th, 3rd and 2nd class certification.

2nd Class Power Engineering certification is the highest level of power engineering training within the Ontario College system ensuring that Lambton College's Power Engineering Technology program offers employers highly trained and skilled graduates. Importantly, successful completion of our unique curriculum will allow students to qualify for steam time reduction.

### Employment Opportunities

With fewer graduates than job vacancies in the industry there are positions available at every class level across Canada and the demand is only expected to increase.

- The Institute of Power Engineers (IPE) reports that an entry level power engineer (4th Class) can expect to make \$25-\$30 per hour.
- Top 1st Class Engineers can make upwards of \$200,000 after years or even decades of training and experience.

Our graduates apply their skills to a wide variety of employment options in: electric power generation, chemical manufacturing, food processing, breweries, petroleum refining, pulp and paper, recreational facilities and institutions such as schools and hospitals. Power Engineers have the opportunity to increase their credentials throughout their career, progressing all the way to 1st Class Power Engineers.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 12 Mathematics C or U
- Grade 11 or 12 Chemistry C or U OR Grade 11 or 12 Physics C or U (both recommended, only one is required)

Please Note: Grade 12 Mathematics for College Technology or any Grade 12 U Mathematics is recommended. Grade 12 Foundations for College Mathematics (MAP4C) minimum final grade of 60%. If the program is highly competitive, students with Grade 12 Mathematics for College Technology or any Grade 12 U Mathematics will be given preference.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
CJP-1013	The Canadian Criminal Justice System
CJP-1052	Community and Social Services
CJP-1103	Issues in Diversity
COM-1013	Critical Thinking and Writing
PED-1201	Fitness and Lifestyle Management I
PSY-1003	Psychology I
SOC-1003	Sociology I

<b>Term 2</b>	
CJP-1203	Criminology
CJP-1253	Ethical Reasoning
CJP-2013	Criminal and Civil Law
COM-2063	Communications in Public Safety
PED-1212	Fitness and Lifestyle Management II
POL-1303	Political Structure and Public Administration
PSY-1213	Behavioural Health for First Responders
GED-XXX3	General Education Elective

<b>Term 3</b>	
CJP-4101	Professional and Practical Issues
CJP-3053	Youth in Conflict with the Law
PED-3082	Fitness and Lifestyle Management III
PFP-3023	Criminal Code
PFP-3043	Interviewing/Investigation
PFP-3104	Police Powers
PFP-4013	Provincial Offences

<b>Term 4</b>	
CJP-3022	Emergency Preparedness
CJP-4113	Conflict Management
PED-4082	Fitness and Lifestyle Management IV
PFP-4023	Criminal Code and Federal Statutes
PFP-4043	Investigation and Evidence
PFP-4803	Community Policing
PFP-3073	Traffic Management
CJP-4201	Integrated Emergency Response Capstone
GED-XXX3	General Education Elective

<b>Term 1</b>	
JSS-1001	Job Search and Success
OES-1013	Operating Engineering Studies I
OES-2123	Operating Engineering Calculations
MTH-1904	Mathematics for Technology I
ICS-1203	Instrumentation for Power Engineers
COM-1013	Critical Thinking and Writing
CHM-1753	Chemistry for Power Engineers
OHS-2012	Health and Safety for Industrial Processes

<b>Term 2</b>	
OES-2115	Operating Engineering Studies - Boilers
OES-3033	Operating Engineering Studies - HVAC
OES-3124	Operating Engineering Studies - Equipment
OES-3113	Refrigeration Theory and Systems I
MEC-2212	Power Plant Maintenance
GED-XXX3	General Education Elective

<b>Co-op</b>	<b>Term 1 May - Aug</b>
CPL-1049	Co-op Work Term - Full-time

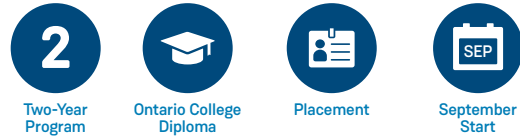
<b>Term 3</b>	
OES-3202	3rd Class Power Engineering A
OES-3314	Electro-Technology for Power Engineers
OES-4114	Piping and Mechanical Systems
OES-5117	High Pressure Boilers and Auxiliaries
STA-4902	Statistics for Technology
GED-XXX3	General Education Elective

<b>Term 4</b>	
OES-4124	Operating Engineering Studies - Advanced Equipment
OES-5123	Operating Engineering Calculations II
OES-5214	Refrigeration Theory and Systems II
OES-6052	Plant Administration, Safety and Fire Protection
COM-2043	Communications for Technology II
GED-XXX3	General Education Elective

<b>Term 5</b>	
OES-5033	Alternative Power Processes
OES-7014	Plant Administration and Applied Mechanics
MTH-2904	Mathematics for Technology II
OES-7024	Advanced Thermodynamics and Material Science
OES-7034	Advanced Boiler Systems and Pumps

<b>Term 6</b>	
OES-6124	Advanced Power Plant Simulator
ENV-6114	Environmental Management
OES-7044	Heat Engine, Piping and Plant Documentation
OES-7054	Power Plant Systems, Combustion, and Environment
OES-7064	Electro-Technology, Compression, and Refrigeration

# Practical Nursing



Lambton College's experienced faculty deliver an exemplary practical nursing program with caring and enthusiasm. Individualized programming offers flexibility for student learning and enhanced student success. Advances in technology, evidence-informed practice and interprofessional teamwork are integrated throughout the program.

Students within this program benefit from experiential learning opportunities working in both lab and clinical settings. Lambton College's facilities include a state-of-the-art Nursing Lab in the brand new NOVA Chemicals Health & Research Centre, which allows students to practice skills in a variety of nursing environments. Hospital and community placements help students to form a relationship with clients, and solidify their critical thinking skills and professional nursing practice.

Clinical experiences are provided in all terms of the program. Clinical locations include, but are not limited to, lab and simulation experiences, hospital and community settings such as long term care homes, family practice clinics and community nursing agencies. To meet the requirements for clinical placements, students must complete a program-specific Passport to Placement.

The Practical Nursing diploma program at Lambton College is currently Approved (Category 1) by the College of Nurses of Ontario. Current graduates from this program are eligible to apply for registration as a Registered Practical Nurse in Ontario.

### Employment Opportunities

Registered practical nurses are an integral part of the interprofessional health care team. They provide care to individuals with a broad scope of health care needs within diverse working environments such as: hospitals, long-term care homes, community nursing agencies, public health units, private practice and clinics, industry settings and child care centres.

### Admission Requirements

O.S.S.D. or equivalent with:

A minimum grade of 65% in the following:

- Grade 12 English C or U
- Grade 12 Mathematics C or U
- Grade 11 or 12 Biology C or U
- Grade 11 or 12 Chemistry C or U

Practical Nursing has a highly competitive admission standard. Students are ranked and accepted based on their academic averages.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Pre-Community Services



Pre-Community Services is a one-year certificate program which allows students to gain exposure to various careers in the community services field including, but not limited to, working with children and youth, adults and families, and persons with special needs. This program is an excellent foundation for students entering community services. By taking this program, students will be able to make more informed decisions when choosing a career path and will be better prepared to enter a variety of career-based academic programs in community service professions such as Social Service Worker, Child & Youth Care, Early Childhood Educator and Developmental Services Worker.

Pre-Community Services students become more aware of community issues such as poverty, homelessness and mental illness through unique and flexible learning opportunities including workshops, community-based visits, guest speakers and hybrid courses. Pre-Community Services builds a strong foundation for post-secondary success by enhancing important fundamental skills necessary to pursue future studies.

### Employment Opportunities

Through direct employment, transfers to other programs (colleges and universities) and upgrading, Pre-Community Services graduates may find employment in retail, industry, marketing and education. Students typically choose to go onto further education through Transfer Opportunities.

Please Note: Students seeking transfer credit (internal and external) should be aware that transferable courses may require a minimum grade level to qualify; grade minimums can vary by institution as well as by program.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

NSG-1303 Fundamental Nursing Skills  
 NSGC-1103 Clinical Nursing I  
 NSG-1183 Human Anatomy and Physiology I  
 NSG-1362 Health, Wellness and Nursing Process

IPH-1001 Interprofessional Perspectives - Health

COM-1013 Critical Thinking and Writing  
 GED-XXX3 General Education Elective

### Term 2

NSG-2104 Medical Surgical Nursing  
 NSGC-2103 Clinical Nursing II  
 NSGC-2003 Clinical Skills Simulation  
 NSG-2262 Professional Nursing Practice  
 NSG-2183 Human Anatomy and Physiology II  
 NSG-2053 Physical Assessment for Practical Nursing

NSG-2023 Pharmacology for Practical Nursing

### Term 3

NSG-3144 Advanced Medical Surgical Nursing  
 NSGC-3106 Clinical Nursing III  
 NSG-3262 Professional Accountability  
 NSG-3202 Mental Health Nursing  
 COM-2033 Communications for Health  
 GED-XXX3 General Education Elective

### Term 4

NSG-4262 Leadership in Professional Practice  
 NSGC-4106 Clinical Nursing IV  
 NSG-4303 Family Health  
 NSG-4063 Palliative and Oncology Nursing  
 NSG-4393 Gerontology  
 NSG-4052 Community Health Nursing  
 GED-XXX3 General Education Elective

### Term 5

NSG-4112 Pre-Graduate Nursing  
 NSGC-4116 Pre-Graduate Nursing Clinical (8 weeks / 250 hours)

### Term 1

COM-1013 Critical Thinking and Writing  
 PSY-1003 Psychology I  
 SOC-1003 Sociology I  
 HSF-1003 Introduction to Human Services  
 ELEC-XXX3 Elective

### Term 2

ANT-2003 Introduction to Cultural Anthropology  
 COM-2053 Communications for Community Services  
 PSY-1053 Human Relations  
 PSY-2003 Psychology II  
 HGD-1013 Human Growth and Development

# Pre-Health Sciences Pathway to Advanced Diplomas & Degrees



One-Year Program  
Ontario College Certificate  
September Start

This eight-month program offers a transition opportunity for secondary school graduates and adult learners who lack the prerequisites to be accepted into the Bachelor of Science - Nursing (BScN) degree program offered in collaboration with University of Windsor.

To graduate from the Pre-Health Sciences Pathway to Advanced Diplomas & Degrees program, students must achieve a minimum grade of D (50%) in each course offered. However, in order to be considered for admission to the Bachelor of Science - Nursing program, a Pre-Health Sciences Pathway to Advanced Diplomas & Degrees graduate must achieve the following minimum requirements:

- Program GPA of at least 2.7
- A combined average of at least a B- (70%) in BIO-1205 and BIO-1055
- A combined average of at least a B- (70%) in CHM-1255 and CHM-2255
- Passing grade in all courses in both terms

Students in this program must apply to the BScN program by February 1 of the calendar year in which they wish to be considered for admission to start the program to ensure that all additional requirements are met for the BScN program.

Students who achieve the admission requirements to gain entrance to the Bachelor of Science - Nursing program from a Pre-Health Sciences Pathway to Advanced Diplomas & Degrees program must have graduated from either Lambton College or St Clair College to be considered for admission. Bonus points for Lambton College Pre-Health Sciences Pathway to Advanced Diplomas & Degrees will not be assigned. All requirements must be completed by the end of the winter term. St. Clair Pre-Health Sciences - BScN graduates will be required to submit all transcripts and a resumé.

## Employment Opportunities

Our graduates qualify to apply for any other Health Sciences program at Lambton College, provided they meet the respective minimum grade requirements.

Please Note: Applications to programs at other colleges or universities may, in some cases, also be considered after completion of this program.

## Admission Requirements

O.S.S.D or equivalent with:

- Grade 12 English C or U (minimum grade of 55%)
- Grade 11 or 12 Chemistry C or U (minimum grade of 60%)
- Grade 11 or 12 Biology C or U (minimum grade of 60%)
- Grade 12 Mathematics C or U (recommended)

## Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Pre-Health Sciences Pathway to Certificates & Diplomas



One-Year Program  
Ontario College Certificate  
September Start

This program is designed to prepare graduates for admission to certificate or diploma programs at Ontario colleges in the health sciences or other related programs in the biological or chemical sciences. The program provides students with the knowledge and skills in communication, mathematics, human anatomy, biology and chemistry needed to be successful in health and science-related college programs. In addition, the program provides students with the opportunity to learn about potential careers in the health sciences and to identify other college programs focusing on the biological or chemical sciences that will enable them to achieve their career objectives.

Please Note: The Pre-Health Sciences Pathway to Certificates & Diplomas certificate does not satisfy the admission requirements to the collaborative BScN program and also does not guarantee entrance into any program at Lambton College, as we rank our applicants in highly competitive programs. Applicants who are pending completion or have successfully completed the Pre-Health Sciences certificate at Lambton College will receive 10 bonus marks in their ranking for all highly competitive health science programs (excluding the BScN program).

<b>Term 1</b>	
BIO-1105	Cellular Processes
CHM-1005	Basic Chemistry I
ITS-1013	Information Technology Skills for Technology
MTH-1013	Mathematics for Pre-Health Sciences I
COM-1013	Critical Thinking and Writing
<b>Term 2</b>	
COM-2033	Communications for Health
BIO-1055	Introduction to Biology
MTH-2013	Mathematics for Pre-Health Sciences II
CHM-2004	Basic Chemistry II
HLT-1203	Introduction to Health Care
- OR -	
PHY-1015	Physics for Pre-Health Sciences

<b>Term 1</b>	
ANT-1003	Introduction to Physical Anthropology
BIO-1205	Cell Physiology
CHM-1255	General Chemistry for Nursing I
COM-1013	Critical Thinking and Writing
MTH-1623	Math for Health Sciences I
SOC-1003	Sociology I
<b>Term 2</b>	
BIO-1055	Introduction to Biology
CHM-2255	General Chemistry for Nursing II
COM-2033	Communications for Health
MTH-2623	Math for Health Sciences II
COM-1153	English Literature I
ANT-2003	Introduction to Cultural Anthropology
- OR -	
GED-XXX3	General Education Elective

## Employment Opportunities

Our graduates transfer into a variety of health-related programs both at Lambton College and other Ontario colleges.

## Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 11 or 12 Mathematics M, C or U

## Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Pre-Service Firefighter Education & Training



This 10-month certificate program provides the successful graduate with knowledge and skills in basic fire suppression principles and practices, medical first responder, fire prevention/public education, and specialty modules such as vehicle extrication and environmental hazards. Over 250 hours of skills practice and testing in simulated and controlled live fire training scenarios will be conducted in accordance with current standards indicated in NFPA 1001 Firefighter 1 & 2, NFPA 1072 awareness and operations.

Curriculum is based on the NFPA standards and includes additional components specifically oriented to gaining employment in fire service.

Graduates of the Pre-Service Firefighter Education & Training program are eligible to participate in OFMEM Provincial Firefighter Testing to obtain their NFPA 1001 Level I and II; NFPA 1072 awareness and core operations.

The Fire School Campus - located 14 kilometres from the main campus - is the largest live fuelled training centre in Canada and includes a hot tower, a search and rescue tower, a fleet of emergency response vehicles, modern fire and equipment, and an expansive industrial training ground, centred around the classroom building and a replicated Fire Hall. Students are responsible for arranging transportation to the Fire School campus and are encouraged to car pool.

### Employment Opportunities

Typical opportunities that are available to graduates of this certificate program include positions in municipal fire departments, in the fields of fire suppression and fire prevention.

In order to be eligible for consideration for employment in a municipal fire department within the Ontario fire service, you are required to:

- Work on rotating shifts, including nights, weekends and holidays
- Speak, read and write English fluently and communicate clearly and precisely in high pressure situations
- Have a Standard First Aid certificate and a valid CPR level BLS (Basic Life Support)
- Be 18 years of age or older at the time of application and possess an O.S.S.D. Grade 12 or academic equivalency
- Be legally entitled to work for any employer in Canada (citizen/landed immigrants) and free of any criminal convictions for which a pardon has not been granted
- Have 20/30 vision in each eye without corrective lens, normal colour vision and normal unaided hearing

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 11 or 12 Mathematics C or U
- Grade 11 or 12 Chemistry C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Pre-Trades & Technology



The Pre-Trades & Technology Ontario College Certificate program is designed to assist those who are interested in a technical career but have yet to decide which one, or lack the necessary prerequisites for the career path they've chosen.

In just two terms, students are introduced to careers and programs in the skilled trades, as well as the two and three-year technician and technology program offerings. In addition, students will obtain guidance toward reaching their own personal goals and career paths, and can upgrade their knowledge and skills in subjects such as chemistry and math, that may have previously prevented them from applying to their desired programs.

One course, in each of the two terms, can be chosen from a list of options. Students, therefore have the opportunity to take diploma level courses to learn more about the career of interest to them, while they earn advanced credits in a diploma program.

Students may enter this program in either the fall or winter term.

Please Note: Completion of the Pre-Trades & Technology certificate does not guarantee entrance into any program at Lambton College. Applicants in highly competitive programs are ranked. Applicants who have successfully completed Pre-Trades & Technology at Lambton College will receive 10 bonus marks towards their admission ranking.

Where there is intent to prepare for entry into a technology-related program at other colleges, please seek advice from those colleges regarding acceptance of credits from Lambton College.

### Employment Opportunities

Our graduates are able to transfer into trades, technician, and technology diploma programs at Lambton College and other Ontario colleges.

The trades programs students may apply to after completing this program include:

- Construction Carpentry Techniques
- Renovation Construction Technician
- Electrical Techniques
- Welding Techniques

The technician and technology programs to which students may apply after completing this program include:

- Chemical Production & Power Engineering Technology
- Power Engineering Technology
- Instrumentation & Control Engineering Technology/Technician
- Millwright Mechanical Technician
- Environmental Technician – Water & Wastewater Systems Operations
- Electrical Power Distribution & Control Technician
- Chemical Lab Technician
- Workplace Safety & Prevention

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U
- Grade 11 Mathematics C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

### Term 1

- PSF-1006 Fire Ground Operations I
- COM-1113 Workplace Communications
- PED-1123 Fire Sciences Fitness I
- GED-XXX3 General Education Elective
- JSS-1001 Job Search and Success
- PSF-1016 Environmental Protection and Rescue Operations

### Term 2

- PSF-2023 Firefighter Emergency Patient Care
- PSF-2006 Fire Ground Operations II
- PSF-2016 Fire Ground Operations III
- PED-2123 Fire Science Fitness II
- PSY-1213 Behavioural Health for First Responders

### Term 3

- PSF-3009 Provincial Testing

### Term 1

- MTH-1063 Introduction to Mathematics (Part 1)
- CCT-1066 Safety, Tools and Materials
- JSS-1102 Career Exploration
- GED-XXX3 General Education Elective
- OHS-1023 Occupational Health and Safety (optional)

- OR -

- WEL-1123 Safety and Welding Basics (optional)
- OR -
- ICS-1302 Fundamentals of Instrumentation (optional)

- OR -

- WML-1204 Water Monitoring and Sampling (optional)

- OR -

- OES-1013 Operating Engineering Studies I (optional)

### Term 2

- COM-1113 Workplace Communications
- MTH-1055 Introduction to Mathematics
- PHY-1024 Physics
- SDV-1022 Student Success and Life Skills
- ELE-1065 Electric Circuits I (optional)

- OR -

- IMT-1233 Introduction to Pumps, Machines and Piping (optional)

- OR -

- BIO-1055 Introduction to Biology (optional)

- OR -

- CHM-1005 Basic Chemistry (optional)

# Protection, Security & Investigation



Ready for a career in protection, security and investigation? Come and train for this growing market with an all-encompassing education at Lambton College.

This program shares the first year of study with the Police Foundations program where students are introduced to a broad theoretical foundation in human relations and an overview of the criminal justice system. Second year of study prepares graduates for a successful career as a security professional in both the private and public law enforcement sectors. Students earn certification in Non-Violent Crisis Intervention training from the Crisis Prevention Institute and Introduction to Incident Management System (IMS-100) from Emergency Management Ontario. An emphasis is also placed on rapidly changing technology, intelligence and analytics in the security industry.

Opportunities to apply theoretical learning in our new criminal justice lab, allows students to develop the skills necessary to deal with the wide range of situations security personnel face daily. Students gain volunteer hours and field-related experience with Lambton College's student-run Safe Walk program.

Lambton College's faculty represent a diverse representation of the security field from Border Services, police, security and other related professionals. This, coupled with small class sizes, will ensure students receive a highly successful educational experience.

Experiential learning opportunities include a field placement component that occurs in the fourth term of the program. Students combine theory and practice while working in a professional security environment. Placement also assists in clarifying career goals and developing interpersonal and professional skills appropriate to the student's practice. Eligibility is dependent upon the student maintaining a 2.0 grade point average (GPA).

Please Note: Any applicant entering this program must determine employment entrance criteria set by individual employers and must ensure fulfillment of those criteria. A criminal record could be a serious impediment to employment.

### Employment Opportunities

Our graduates find employment with: military police, special constables (transit police), by-law enforcement, Canada Border Services, correctional services (federal and provincial), police services — federal, provincial, regional or municipal, loss prevention/retail security, alcohol and gaming (casinos/slots), industrial/corporate security, and private security/investigation.

A current analysis of the employment of those involved in both private protection services and police has established a widening gap between the growing number of those engaged in the field of private security and the number of police. The development of private property for commercial and entertainment use and the established civil responsibility for employee and client safety on private property has created a broad market for security professionals that is predicted to continue to grow into the next decade.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
CJP-1013	The Canadian Criminal Justice System
CJP-1103	Issues in Diversity
CJP-1052	Community and Social Services
COM-1013	Critical Thinking and Writing
PED-1201	Fitness and Lifestyle Management I
PSY-1003	Psychology I
SOC-1003	Sociology I
<b>Term 2</b>	
CJP-1203	Criminology
CJP-1253	Ethical Reasoning
CJP-2013	Criminal and Civil Law
COM-2063	Communications for Public Safety
PED-1212	Fitness and Lifestyle Management II
POL-1303	Political Structure and Public Administration
PSY-1213	Behavioural Health for First Responders
GED-XXX3	General Education Elective
<b>Term 3</b>	
PSI-3013	Border Services
PSI-3023	Correctional Process
PSI-3034	Introduction to Security
PSI-3043	Analytics and Intelligence
CJP-3053	Youth in Conflict with the Law
CJP-4101	Professional and Practical Issues
GED-XXX3	General Education Elective
<b>Term 4</b>	
PSIF-4103	Field Experience
PSI-4013	Civilian Authorities
PSI-4023	Private Investigation
PSI-4033	Strategies of Prevention
CJP-4113	Conflict Management
PSI-4043	Technology and the Law
PED-4112	Fitness and Lifestyle Management for Protection, Security and Investigation
CJP-3022	Emergency Preparedness

# Recreation Therapy



This two-year program will prepare students for a profession that provides services and advocacy for individuals with a wide range of cognitive, physical, social, and emotional limitations. During the program, students will learn theoretical foundations and practical skills which will allow them to competently work through the therapeutic recreation process.

The practice of Recreation Therapy is based on the belief that play, recreation and leisure are essential to achieving an individual's optimal health and sense of well being which leads to improved quality of life. Through the development of meaningful goals and objectives individuals working in the field of Recreation Therapy will use recreation as a therapeutic tool to improve health and restore wellness.

Through volunteering and experiential learning that includes field placements and a variety of community experiences, students will receive valuable hands on experience. These experiences will provide students with the opportunity to further develop their skills in the areas of assessment, planning, implementation and evaluations. In addition, students will have the opportunity to receive additional specialized training while enrolled in the Recreation Therapy program. Students should be aware that having a criminal record could impact their ability to secure a field placement.

### Reasons to Choose Lambton College's Recreation Therapy Program

- Students will receive a Therapeutic Recreation Ontario student membership
- Additional training that is highly sought after by employers
- Faculty that are current and experts in their field
- Community partnerships that allow students to get practical, hands-on experience
- Field placements within a Recreation Therapy setting

### Employment Opportunities

Employment may be found in the areas of pediatrics, mental health, hospitals, community settings, long term care, rehabilitation and corrections to name a few.

Upon graduation, students will be eligible to apply for the Registration with Therapeutic Recreation Ontario - Diploma designation.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
IPH-1001	Interprofessional Perspectives
TRE-1203	Ethics and Values for the Recreation Therapist
HLT-1203	Introduction to Health Care
PSY-1003	Psychology I
COM-1013	Critical Thinking and Writing
PHR-1093	Anatomy and Physiology
GED-XXX3	General Education Elective
GED-XXX3	General Education Elective
<b>Term 2</b>	
TRE-1003	TR Support Networks and Community Resources
TRE-2053	Therapeutic Recreation Practice and Professional Portfolio
PSY-1053	Human Relations
COM-2033	Communications for Health
FPP-1001	Field Placement Seminar I
FPP-1008	Field Placement I
GED-XXX3	General Education Elective
<b>Term 3</b>	
TRE-1033	Foundations of Therapeutic Recreation
TRE-2043	Research in Therapeutic Recreation
TRE-1023	TR Physical Disabilities and Illnesses
TRE-3303	Leisure and Aging
HGD-1053	Introduction to Community Mental Health
TRE-2113	Current Concepts in Health and Wellness
FPP-2001	Field Placement Seminar II
FPP-2008	Field Placement II
<b>Term 4</b>	
TRE-1013	TR Cognitive Disabilities and Illnesses
TRE-2003	Leisure Education and Counselling in Therapeutic Recreation
TRE-2013	Therapeutic Recreation Assessment
TRE-2023	Adapted Recreation and Program Planning in Therapeutic Recreation
TRE-2033	Therapeutic Recreation Leadership
FPP-3001	Field Placement Seminar III
FPP-3008	Field Placement III



# Renovation Construction Technician



Individuals with ambition to run their own renovation company or to gain employment in a successful construction company are ideally suited for this program.

In five terms – one of which is a co-op, students will cover advanced interior finishes, decks and porches, cabinets, trim, basement and bathroom renovation, as well as additional components to renovation construction with an emphasis placed on eco-friendly building practices, plumbing and electrical situations, and residential and small commercial framing and layout. Through hands-on projects utilizing Lambton College's 6,500 sq. ft. shop and 1,800 sq. ft. teaching house, theory is applied on a daily basis. Renovation Technician students participate in community-based learning projects such as rebuilding local business structures or working with non-profit organizations.

Training is safety-based and business-focused. Courses in computer estimating and project management are key to the well-rounded education offered in this program. All training has a strong focus on safety and energy efficiency, construction and design. Students may also have the opportunity to attend annual trade shows and visit local job sites in the community where they will have the opportunity to network and learn from local industry experts.

In addition, for graduates of the program, a laddering opportunity exists with General Carpenter Apprenticeship Program. Graduates will need to find their own General Carpenter Apprenticeship with an employer, but will be exempt from in-school basic level of the General Carpenter Apprenticeship.

### Employment Opportunities

Graduates of this program may find employment in the expanding residential renovation industry, new house construction, mercantile and restaurant renovation, and entrepreneurship. The program could allow students to enter into the General Carpenter Apprenticeship program once they have found employment.

Due to low mortgage and renovation interest rates, the construction sector shows significant demand and growth resulting in all graduates finding employment in a construction-related field where they put the skills acquired to work.

### Admission Requirements

O.S.S.D. or equivalent with:

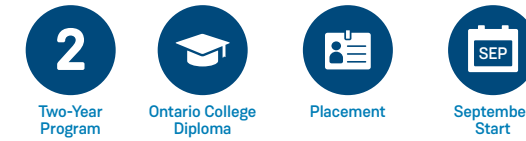
- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
CCT-1066	Safety, Tools and Materials (hybrid)
CCT-1012	Construction Plans, Specifications and Codes
RCT-1124	Surveying and Layout
JSS-1001	Job Search and Success
MTH-1303	Estimating and Calculating I
RCT-1135	Foundation Systems (hybrid)
<b>Term 2</b>	
BUS-1003	Intro to Business (GED)
CCT-2042	Energy Efficiencies and Sustainable Construction
CCT-2066	Interior and Exterior Finishing
CCT-1056	Floors, Walls and Roof Construction (hybrid)
COM-1113	Workplace Communications
RCT-1102	Construction Safety
<b>Term 3</b>	
CPL-XXX3	Co-op Work Term (optional)
<b>Term 4</b>	
RCT-3102	Renovation Project Management
RCT-2111	Hoisting and Rigging
RCT-3313	Basement and Bathroom Renovation Construction
RCT-2103	Introduction to Design
RCT-3124	Decks and Porches
RCT-3233	Electrical and Plumbing Techniques for Renovations
GED-XXX3	General Education Elective
<b>Term 5</b>	
RCT-2114	Interior Finishing - Trims and Cabinets
RCT-3213	Computer Applications and Estimating
RCT-3134	Advanced Finishes
RCT-3114	Computer Assisted Drafting (SOFTPLAN)
RCT-2124	Framing Techniques
GED-XXX3	General Education Elective

# Social Service Worker



Students in Lambton College's Social Service Worker program will develop the skills, knowledge, and values required to support diverse individuals, families, groups and communities. With practical experience both in and out of the classroom, as well as through ongoing reflective practice, students will develop the skills to assist in empowering clients to learn to help themselves and to face the challenging work of being a Social Service Worker.

Small class sizes, technology in the classroom, role play and simulation exercises as well as a variety of personal, hands-on experiences, will result in a deeper understanding of self, which will ultimately benefit clients.

Individuals considering the Social Service Worker program are asked to carefully evaluate their reasons for entering this field. The work calls for people who are mature enough to examine their own values, beliefs and life experiences while focusing upon the needs of vulnerable populations.

Students will complete approximately 650 hours of supervised experiential field placement while in the program. An additional 60+ hours of volunteer work in the community is required over the course of the program. Students' theoretical and practical experience will be enhanced by group work, leadership and participation in a capstone community project that is determined by a real social issue that benefits a non-profit community organization in the Sarnia-Lambton area.

Any applicant entering this program must meet employment entrance criteria set by individual employers and provide a vulnerable sector criminal reference check, in order to apply for placement opportunities. A criminal record could limit a student's ability to successfully secure placement opportunities which are a requirement of graduation.

### Employment Opportunities

Graduates of the Social Service Worker program are successful in finding employment working with a variety of populations and in a number of different social service and government organizations. These opportunities include employment at Lambton County Social Services (Ontario Works), associations for the developmentally disabled, homeless shelters, poverty reduction and food stability organizations, women's shelters, sexual assault centres, long-term care homes and senior's facilities, job training/employment services and school boards.

Graduates of the Social Service Worker program will meet the educational requirements for registration as a Social Service Worker in the Ontario College of Social Workers and Social Service Workers.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
COM-1013	Critical Thinking and Writing
ITS-1003	Information Technology Skills
SSW-1003	Helping Skills
SSW-1023	Social Service Systems I
SSW-1034	Field Work Preparation
HGD-1053	Introduction to Community Mental Health
<b>Term 2</b>	
COM-2053	Communications for Community Services
SSW-2003	Interview/Assessment Skills
SSW-2013	Social Service Systems II
SSW-2083	Ethics and Report Writing
SSWF-2086	Field Work I
SSW-1013	Social Group Work
GED-XXX3	General Education Elective
<b>Term 3</b>	
PSY-2003	Psychology II
SSW-3003	Case Work Relationships
SSW-3083	Professional Integrity
SSWF-3084	Field Work II
SSW-4053	Family Process
GED-XXX3	General Education Elective
<b>Term 4</b>	
SSW-3073	Community Organization
SSW-1043	Community Participation
SSW-4003	Case Management
SSW-4063	Overview of Addictions
SSW-4083	Social Issues and Problems
SSWF-4085	Field Work III

# Sports & Recreation Management



Do you dream of a career working with your favourite team or sport? Do you have a passion to change the lives of others through building confidence and skills? Are you a team player? These are but a few reasons for you to consider the Sports & Recreation Management program at Lambton College where you prepare for a career where you can make a difference.

The program offers graduates a robust multi-disciplinary approach to the diverse industry that is sports and recreation management. Graduates gain business acumen through a sports and recreation lens. Graduates are prepared to identify, plan, and implement successful recreational activity programs for all ages and abilities. Graduates are able to provide leadership to health and fitness initiatives and wellness programs. This three-pronged approach to the curriculum ensures graduates are prepared for careers in the business of sport and recreation as well as the health and fitness industry.

The curriculum of this three-year advanced diploma has experiential learning opportunities integrated throughout including field placement, industry experiences, field trips, and service learning. Our students are at the forefront of providing leadership for our industry partners including the Sarnia Sting of the Ontario Hockey League who are located on campus.

Leadership, teamwork, project management, research, information technology, marketing, time management, and communication are but a few skills employers in this industry are looking for when hiring. Our graduates are highly sought because they are industry ready.

Still looking for more? Lambton's Sports & Recreation Management program has many attractive university pathway agreements. Our program is held in high esteem by the University of Windsor who's Bachelor of Human Kinetics - Sports Management degree is recognized as one of the best in the world. Qualified graduates are able to earn this university credential with only two additional years of study.

### Employment Opportunities

For over 20 years, our graduates have pursued successful careers in the public, private, and commercial sectors of the sport and recreation industry as facility and program managers, sports marketing and sales representatives, athletic directors, league administrators, special event managers, fitness and recreation program leaders, equipment and sporting goods representatives, health promoters, educators, and entrepreneurs.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

**Term 1**  
SRM-1003 Introduction to Sport and Recreation Management  
SRM-1013 Sports Marketing  
SRM-2113 Current Concepts in Health and Wellness  
BUS-1234 Computer Applications for Business  
COM-1013 Critical Thinking and Writing

**Term 2**  
SRM-2303 Recreation Programming  
MKT-1103 Social Media Marketing  
COM-2013 Communications for Business  
SRM-2603 Fundraising and Sport Sponsorship  
SRM-5103 Training Principles  
JSS-1001 Job Search and Success  
GED-XXX3 General Education Elective

**Term 3**  
SRM-5003 Facilities Management  
SRM-3203 Tournaments and League Management  
SRM-3113 Seasonal Recreation  
ACC-1093 Accounting Concepts I  
MKT-3213 Business Intelligence I  
GED-XXX3 General Education Elective

**Term 4**  
SRM-5013 Special Events Management  
MKT-3403 Selling  
SRM-6203 Coaching Theories and Principles  
FHP-2003 Risk Management  
MKT-3403 Selling  
GED-XXX3 General Education Elective  
MKT-4213 Business Intelligence II  
- OR -  
FHP-3103 Health Promotion (online)  
- OR -  
CPL-1003 Work Term - Part-Time (8 hrs/wk)

**Term 5**  
SRM-5703 Sport Research and Analytics  
SRM-5503 Outdoor Pursuits  
TRE-3303 Leisure and Aging  
SRM-5113 Event Marketing and Public Relations in Sport  
TRE-1033 Foundations of Therapeutic Recreation  
- OR -  
PHR-1093 Anatomy and Physiology  
- OR -  
MKT-3103 Consumer Behaviour and Trends

**Term 6**  
SRM-5403 Field Study in Sport Management  
SRM-2503 Sport in Society  
SCU-1603 Fundamentals of Entrepreneurship  
FHP-1203 Physical Literacy  
PHL-1253 Ethical Leadership and Critical Decision Making  
- OR -  
MKT-3353 Integrated Marketing Communications  
- OR -  
CPL-2003 Work Term - Part-Time (8 hrs/wk)

# Tourism - Operations Management



Engage in a tourism and hospitality management program that develops the highly in-demand skills of leadership, cultural intelligence, and a managerial approach to business operations in one of the fastest growing industries in the world. Exploding demand for tourism combined with a skilled labour shortage creates dynamic opportunities for rapid career advancement for graduates.

Trained professionals enjoy career success creating experiences for corporate and entrepreneurial tourism organizations including destination marketing organizations, world class hotels and resorts, tourism attractions, entertainment venues, gaming organizations, and all businesses that value the customer experience.

Lambton College's Tourism - Operations Management student experience delivers:

- a unique, continuous 15-month educational experience offering skill; development and industry experience (3 academic terms + 1 paid, co-op work term);
- student-centered curriculum with active, engaging and applied learning opportunities;
- transferable skill development that opens doors to all areas of the tourism industry and beyond;
- leadership development through experiential learning and human relations;
- cultural intelligence skill building;
- a foundation for socially responsible, environmentally sustainable, and ethical decision making;
- opportunities to kick start career advancement through a paid co-op work term across Canada and around the world; and,
- flexible pathways enabling students to upgrade their diplomas to degrees.

### Employment Opportunities

Tourism and Hospitality industry professionals are in global demand. Employers of our graduates include

- Tourism Sarnia-Lambton
- Fairmont Hotels and Resorts
- Intercontinental Hotels and Resorts
- Hyatt Hotels Corporation
- Marriott Hotels and Resorts
- Walt Disney Parks and Resorts
- Gateway Entertainment and Casinos
- Chippewas of Kettle & Stony Point First Nation
- Self-Employment: Inns, Adventure Tourism, Food and Beverage, Retail, etc.

### Admission Requirements

O.S.S.D. or equivalent with:

- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

**Term 1**  
HCL-1003 Tourism Foundations  
HCL-1204 Leadership Development  
HCL-1303 Tourism Technology  
HCL-1403 Food and Beverage Operations  
HCL-1501 Industry Certifications  
JSS-1001 Job Search and Success  
COM-1113 Workplace Communications

**Term 2**  
HCL-2003 Financial Control  
HCL-2103 Tourism Marketing  
HCL-2303 Hotel Operations  
HCL-3203 Human Resources  
HCL-3403 Tourism Trends  
GED-XXX3 General Education Elective  
GED-XXX3 General Education Elective

**Co-op**  
CPL-1049 Co-op Work Term

**Term 4**  
HCL-3003 Events, Meetings and Conferences  
HCL-3103 Marketing Communications  
HCL-3504 Cost Management  
HCL-3603 Operations Management  
HCL-4103 Organizational Leadership  
HCL-4303 Entrepreneurship in Tourism  
GED-XXX3 General Education Elective

# Welding Techniques



The Welding Techniques Program is a full-time, one-year program which provides students with theoretical and practical aspects of the welding trade. The skills and knowledge gained from this program will help students meet the necessary requirements to obtain placement in either union or non-union jobs. Students perform welding and cutting using shielded metal arc welding (SMAW), gas metal arc welding (GMAW), Flux Cored Arc Welding (FCAW), gas tungsten arc welding (GTAW), oxy-fuel welding and cutting (OFW/OFC), plasma arc cutting (PAC), and carbon arc cutting with air/gouging (CAC-A).

Sourcing straight from the Alberta Individual Learning Modules (ILM), students have an opportunity to challenge the Level I Welder apprenticeship test on location after completion of the program. Students will also be given the opportunity to challenge the Canadian Welding Bureau (CWB) 'all position plate' welding tickets during the duration of the second term.

### Employment Opportunities

Successful students have the opportunity to branch out into many different career paths in the welding industry after completion of the program including: welder, welder fitter trainee, apprentice welder, apprentice boilermaker, apprentice construction millwright, apprentice ironworker, apprentice industrial mechanic/millwright, apprentice pipe fitter, apprentice fitter, apprentice steamfitter, apprentice sheet metal worker, fabricator, and maintenance welder.

Please Note: Availability of jobs will depend upon the local economy.

### Admission Requirements

O.S.S.D. or equivalent with:

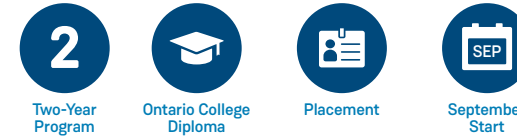
- Grade 12 English C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
WEL-1001	Welding Theory I
WEL-1018	Welding Processes I
WEL-1023	Fitting and Layout I
WEL-1133	Semi-Automatic Welding Processes I
MEC-1713	Metallurgy
MTH-1503	Applied Mathematics
COM-1113	Workplace Communications
<b>Term 2</b>	
WEL-2021	Welding Theory II
WEL-2028	Welding Processes II
WEL-2403	Advanced Welding Processes
WEL-2113	GTAW Processes
BPR-1513	Blueprint Interpretation and Drawing
JSS-1001	Job Search and Success
GED-XXX3	General Education Elective

# Workplace Safety & Prevention



Many industries, ranging from construction and manufacturing to energy and health care are seeking specially trained workers to support and promote healthier workplaces. The Workplace Safety & Prevention Technician program is uniquely designed to assist students in identifying, assessing, and managing risks in a variety of work environments. Graduates can expect to attain the competencies required to effectively implement and evaluate health and safety systems in occupational settings.

Program curriculum will define health and safety objectives and students will develop corresponding policies and procedures. Emphasis is placed upon the understanding of legislation and recognizing, preventing and evaluating workplace hazards. Students will also develop the skills necessary to identify and report on safety and health conditions in a workplace.

This program shares delivery of several core courses with both Seneca and Cambrian college and as such, certain course lectures and assessments are delivered synchronously through a virtual classroom. Students are expected to have a personal device such as a laptop which will allow them to login to the virtual classroom and engage in live lectures.

Graduates will be able to conduct risk assessments and hygiene tests to prevent hazards and harm to workers, property, the environment, and the general public. These graduates may find employment in a variety of industry sectors as safety inspection, auditing, risk management, emergency management, environmental management, and human resource management roles.

The 280-hour field placement prepares students to work with employers to address workplace health and safety. Students will be directly exposed to people, protocols and technology with a focus on injury and disease prevention in the workplace. Program curriculum prepares students for placement in a variety of occupations including all major employment sectors and within the public sector. Students will apply skills and knowledge to anticipate, evaluate, and control a variety of health risks including chemical, biological, physical, and psycho-social related hazards.

### Employment Opportunities

Workplace Safety & Prevention Technician graduates may find employment in many diverse roles, including:

- Health and Safety Technician
- Health and Safety Team Leader
- Health and Safety Coordinator
- Safety Specialist

### Admission Requirements

O.S.S.D or equivalent with:

- Grade 12 English C or U
- Grade 11 or 12 Chemistry C or U
- or -
- Grade 11 or 12 Biology C or U (both recommended, only one is required)

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
COM-1013	Critical Thinking and Writing
ITS-1013	IT Skills for Technology
CHM-1005	Basic Chemistry I
OHS-1023	Occupational Health and Safety
HRM-3203	Training and Development
GED-XXX3	General Education Elective

### Term 2

PHL-1253	Ethical Leadership and Critical Decision Making
BIO-1055	Introduction to Biology
OHS-3043	Health and Wellness
HIN-3303	Human Interaction
OHS-2033	OHS Management Systems
GED-XXX3	General Education Elective

### Term 3

OHSF-5001	Field Placement (280 hours)
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### Term 4

OHS-2113	Ergonomics
OHS-2023	Risk Management
OHS-2053	Disability Management
HRM-3103	Employment Law
OHS-2043	Accident Prevention and Investigation
JSS-1001	Job Search and Success
GED-XXX3	General Education Elective

### Term 5

OHS-3003	Industrial Hygiene and Toxicology
OHS-4003	Industrial Hygiene and Toxicology Lab
ENV-6114	Environmental Management
MAN-1163	Organizational Behaviour
OHS-3053	Operational Safety
OHS-3063	Introduction to Process Safety
OHS-3013	Emergency Planning and Management



# Graduate Studies »

Take your education further with one of our post-graduate programs.

# Business Management



Looking for a well-rounded education focused on effective business management? The Business Management program is designed for university and college graduates who are eager to expand their management knowledge and skills. Using a student-centred, practical approach to learning, students work with professors with real world business experience to develop the tools needed for success in a Canadian or international business environment.

The curriculum has a broad focus designed to develop the fundamental skills necessary to manage human, physical and financial resources in order to meet the strategic goals of an organization. Students will learn the essential aspects of business including marketing, sales, accounting, finance, human resources management and business communications. Through hands-on learning approaches, students will graduate with the communication skills, confidence and independent learning abilities needed to be successful in today's business world.

The work term that concludes the program provides students with the opportunity to gain valuable work experience that will assist them in finding permanent employment after graduation.

Some students may wish to hone their skills further by assisting others to make their entrepreneurial dreams a reality. This experience is gained through participation in Enactus, our award-winning social entrepreneurship team.

### Employment Opportunities

Our graduates work in numerous business sectors, from entry-level management to positions of greater responsibility. Depending on the unique qualifications of the graduates, these could include employment in Canadian and international locations in the areas of manufacturing, market research, retail, logistics, banking, insurance, and sales. Some graduates may opt to become entrepreneurs and develop their own business.

### Admission Requirements

A university degree, college diploma or advanced diploma  
- or -  
Acceptable combination of related work experience and post-secondary education as judged by the College to be equivalent to the above.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
MAN-1103	Human Resources Management
MKT-1143	Marketing Fundamentals
ACC-1093	Accounting Concepts I
BUS-1234	Computer Applications for Business
COM-3013	Professional Communications
ECO-1503	Principles of Economics

<b>Term 2</b>	
MKT-3353	Integrated Marketing Communications
MKT-3403	Selling
LAW-1003	Business Law
CPP-1001	Co-op Preparation
BUS-1103	Global Business Principles
MKT-1103	Social Media Marketing
MKT-3103	Consumer Behaviour

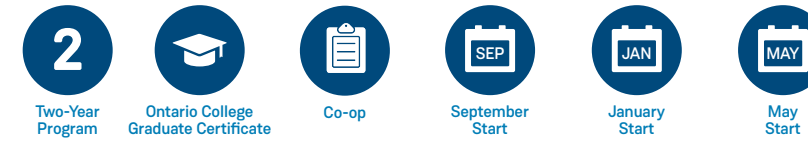
<b>Term 3</b>	
FIN-1013	Financial Analysis and Budgeting
MAN-1163	Organizational Behaviour
ADR-1003	Alternative Dispute Resolution
MKT-3113	Retailing
MKT-3213	Business Intelligence
HRM-3103	Employment Law

<b>Term 4</b>	
CPL-1049	Co-op Work Term*
- OR -	
CPL-5559	WIL Project

*\*In order to be eligible to participate in a full-time Co-op Work Term (CPL-1049) students must have a GPA of 2.8 or greater.*

*Failing to do so will require the students to enroll in CPL-5559 WIL Project at an additional cost to the student.*

# Business Management - International Business



Enhance your employability skills for a successful career in global business. The Business Management – International Business Ontario Graduate Certificate program is designed to prepare university and college graduates for a rewarding career in international business management. In addition to building management skills, students will develop the competencies to investigate, analyze and manage domestic and international business activities, in order to successfully conduct business on a global scale.

Curriculum emphasizes international sales and marketing, trade, research, supply chain management, law and project management in a Canadian business setting. Activities, projects and case studies are used to simulate a work environment and prepare students with the practical experience to be successful in their careers upon graduation.

The work term that concludes the program provides students with the opportunity to gain valuable work experience that will assist them in finding permanent employment after graduation.

Upon graduation, students will have met the academic requirements for application to the Certified International Trade Professional (CITP) designation and be prepared to write the Canadian International Freight Forwarders Association (CIFFA) exams.

### Employment Opportunities

Graduates can work in a broad range of domestic and international employment sectors including, manufacturing, market research, recruitment, retail, insurance, freight forwarding, brokerage houses, banks, financial institutions, consulting firms and international business. Graduates may also choose to work for international firms engaging in global business ventures.

### Admission Requirements

A university degree, college diploma or advanced diploma  
- or -  
Acceptable combination of related work experience and post-secondary education as judged by the College to be equivalent to the above.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
MKT-1143	Marketing Fundamentals
COM-3013	Professional Communications
ACC-1093	Accounting Concepts I
ECO-1503	Principles of Economics
BUS-1234	Computer Applications for Business
MAN-1103	Human Resources Management

<b>Term 2</b>	
FIN-3163	International Trade Finance
LAW-1003	Business Law
INT-1113	Feasibility of International Trade
INT-1123	Global Value Chain
INT-3153	International Sales and Marketing
CFF-2013	International Transportation and Trade (ITT)
CPP-1001	Co-op Preparation

<b>Term 3</b>	
MAN-1163	Organizational Behaviour
INT-3133	International Market Entry Strategies
FIN-1013	Financial Analysis and Budgeting
INT-3143	Development of Products and Services for an International Market
CFF-3023	Introduction to Freight Forwarding
INT-4202	Field Study Project

<b>Term 4</b>	
CPL-1049	Co-op Work Term*
- OR -	
CPL-5559	WIL Project

*\*In order to be eligible to participate in a full-time Co-op Work Term (CPL-1049) students must have a GPA of 2.8 or greater.*

*Failing to do so will require the students to enroll in CPL-5559 WIL Project at an additional cost to the student.*

# Chemical Production & Power Engineering Technology - Accelerated



The Accelerated Chemical Production & Power Engineering Technology program has been designed for graduates with a B.Sc. (Chemistry) or equivalent.

Students will study core courses taught in the Chemical Production & Power Engineering Technology program and the principles underlying the complex technologies used in today's processing industries.

Students enrolled in this program will train in Lambton College's newly renovated Centre of Excellence in Energy & Bio-Industrial Technologies which contains complex lab and pilot plant facilities. The Centre duplicates a real-life manufacturing environment and the technologies developed can easily be scaled-up and transferred to an actual operating unit. The Centre offers state-of-practice technology laboratories and infrastructure to support learning and research in next-generation technologies in collaboration with industry.

Students also have the benefit of participatory projects that emphasize teamwork, communication, interpersonal and problem-solving skills. This program has certain physical requirements.

The program prepares students to write the 4A and 4B TSSA 4th Class Operating Engineers Certification exams. This is an industry accepted certification that can lead graduates to a variety of career opportunities. Upon successful completion of the first two academic terms, students can apply to the TSSA to receive a nine-month practical steam time reduction towards their 4th Class Operating Engineers Certificate. TSSA registration eligibility requirements and fees are controlled by the TSSA and are in addition to the CPEX program requirements and fees.

The Ontario Association of Certified Engineering Technicians and Technologists (OACETT) recognizes this program as meeting all the academic requirements for certifications in the Certified Engineering Technology (CET) category.

Please Note: In order to receive steam time reduction, the TSSA requires all core courses to be taken on-ground. Online courses are not eligible.

### Employment Opportunities

Our graduates work in various industries as operating engineers and process operators. Industries include refining and chemical process, power generation, steel production, pulp and paper, food processing, and other industrial operating or manufacturing industries. Upon completion of the program and necessary work experience, graduates may have the opportunity to move into positions including, but not limited to, unit supervision and shutdown planning.

### Admission Requirements

BSc, Chemistry  
BSc or BESC, General, or Ontario College Advanced Diploma with appropriate preparation in Math, Chemistry, Physics, English and General Education Electives

Please Note: Students who apply will be assessed individually and will be exempt from introductory courses based on their educational background.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Communicative Disorders Assistant



This Ontario Graduate Certificate program is designed for students who wish to work as a Communicative Disorders Assistant in a supportive capacity with a qualified speech-language pathologist and/or audiologist. This 12-month program runs from September to August and prepares graduates to design and implement programming based on the assessments and treatment plans outlined by qualified speech-language pathologists and audiologists.

Within the three, concurrent terms, and block placements, students will acquire an understanding of physiological and functional speech, language and hearing disorders. Programming skills and communication intervention techniques will be developed through a combination of in-class curriculum, hands-on training, and practical application from experienced faculty members currently working in the field. These skills are reinforced through the students' participation in two practicum placements. The placements provide students with a minimum of 490 hours to observe, learn, practice and apply practical skills and techniques in the field of speech and language and/or audiology within a community setting.

This program is recognized by the Communicative Disorders Assistant Association of Canada (CDAAC).

### Employment Opportunities

Graduates will work under the auspices and direction of a qualified speech-language pathologist and/or audiologist. Our graduates find employment as communicative disorders assistants, therapy assistants, speech assistants, audiometric technicians and hearing screeners, to support individuals of all ages with a variety of communicative disorders. Employment opportunities could include positions within school boards, children's treatment centres, early years centres, hospitals, public health units, Local Health Integration Networks, or private speech or audiology clinics. Many graduates have relocated across Canada for employment opportunities in this field of study.

### Admission Requirements

Applicants must have completed, at minimum, a post-secondary diploma or degree with emphasis on communication disorders, linguistics, human anatomy, physiology, social sciences, or human services. Applicants are required to submit a transcript of their post-secondary diploma and/or degree.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
ICS-6505	Process Stream Analysis
OES-1013	Operating Engineering Studies
OES-2123	Operating Engineering Calculations I
ELE-1055	Electric Circuits
BIO-4614	Introduction to Biofuels and Bio-Based Chemicals
JSS-1001	Job Search and Success

<b>Term 2</b>	
OES-2115	Operating Engineering Studies - Boilers
OES-3113	Refrigeration Theory and Systems I
ICS-3414	Process Instrumentation for Plant Operations I
OES-4304	Mechanical Practices for Operating Engineers
OHS-2012	Health and Safety for Industrial Processes
OES-3033	Operating Engineering Studies - HVAC
OES-3124	Operating Engineering Studies - Equipment

<b>Co-op</b>	<b>Term 1 Option 1</b>
CPL-1069	Co-op Work Term (May - August)

<b>Term 3</b>	
BIO-5713	Production of Biofuels and Bio-based Chemicals
OES-5814	Chemical Engineering Operations and Calculations I
ICS-5315	Process Control Systems
OES-4015	Operating Engineering Studies - Electrical
OES-4114	Piping and Mechanical Systems
OES-4414	Advanced Process Operations I

<b>Term 4</b>	
OES-6844	Chemical Engineering Operations and Calculations II
OES-5016	Advanced Process Operations II
OES-6015	Advanced Process Operations III
ICS-6316	Advanced Control Applications
ENV-6114	Environmental Management
CAP-6004	Capstone Project

<b>Co-op</b>	<b>Term 2 Option 2</b>
CPL-1049	Co-op Work Term (May - August)
- OR -	
CPL-1069	Co-op Work Term (May - December)

<b>Term 1</b>	
CDA-1003	Anatomy and Physiology of Speech Mechanism
CDA-1053	Child Language Acquisition and Related Disorders I
CDA-1042	Introduction to Communication Disorders In Adults I
CDA-1012	Clinical and Professional Issues I
CDA-1033	Introduction to Audiology
CDA-1023	Articulation and Phonology
CDA-1062	Principles of Therapy Programming

<b>Term 2</b>	
CDA-2073	Populations with Special Needs
CDA-2053	Child Language Acquisition and Related Disorders II
CDA-2042	Introduction to Communication Disorders in Adults II
CDA-2083	Introduction to Augmentative Communication and Technology

<b>Field Placement 1</b>	
CDAF-2005	Field Practicum I (seven weeks)

<b>Field Placement 2</b>	
CDAF-3005	Field Practicum II (seven weeks)

<b>Term 3</b>	
CDA-3103	Fluency and Voice Disorders
CDA-2013	Clinical and Professional Issues II
CDA-3114	Amplification Systems and Aural Rehabilitation

# Fire Science Technology



The Fire Science Technology Ontario College Advanced Diploma is a 10-month program designed with theory and hands-on applications to provide the graduating technologist with the necessary job skills to perform advanced-level duties in a variety of fire suppression and specialty technical rescue fields.

The program is designed to accept graduates of any Pre-Service Firefighter Education & Training program in Ontario as well as current fire service personnel (through a Prior Learning Assessment) as direct entrants into the Fire Science Technology program.

Graduates will gain specialized career expertise, technical knowledge and skills, with over 300 hours of practical experience that will enable them to start or further their careers in the fire suppression and emergency rescue field. Internationally recognized and respected NFPA skills obtained in this program will enhance graduate employability and the individual's long-term opportunities for advancement. No other college in Ontario offers this unique opportunity to further develop the Pre-Service Firefighter Education & Training skills and position the graduate as a serious municipal firefighter candidate.

The Fire School Campus - located 14 kilometres from the main campus - is the largest live fuelled training centre in Canada and includes a hot tower, a search and rescue tower, a fleet of emergency response vehicles, modern gear and equipment, and an expansive industrial training ground, centred around the classroom building and a replicated Fire Hall. Students are responsible for arranging transportation to the Fire School campus and are encouraged to car pool.

### Employment Opportunities

Typical positions that our graduates find include: municipal fire departments in the fields of fire suppression and fire prevention; industrial manufacturing in the areas of fire suppression, fire prevention, emergency equipment sales, rescue response, fire protection system maintenance and insurance company loss prevention specialists.

In order to be eligible for consideration for employment in a municipal fire department within the Ontario fire service, you are required to:

- Work on rotating shifts, including nights, weekends and holidays
- Speak, read and write English fluently and communicate clearly and precisely in high pressure situations
- Have a Standard First Aid certificate and a valid CPR level BLS (Basic Life Support)
- Be 18 years of age or older at the time of application and possess an O.S.S.D. Grade 12 or academic equivalency
- Be legally entitled to work in Canada (citizen/landed immigrants) and free of any criminal convictions for which a pardon has not been granted
- Have 20/30 vision in each eye without corrective lens, normal colour vision and normal unaided hearing

### Admission Requirements

Pre-Service Firefighter Education & Training (PFET) Certificate  
 - or -  
 Prior Learning Assessment:  
 NFPA 1001 Level I and Level II Pro-Board or equivalent  
 NFPA 1072 Awareness Pro-Board or equivalent  
 NFPA 1072 Operations Pro-Board or equivalent  
 Current York Physical Fitness or CPAT test or equivalent  
 - and -  
 O.S.S.D. or equivalent, with:  
 Grade 12 English C or U  
 Grade 11 or 12 Mathematics C or U  
 Grade 11 or 12 Chemistry C or U

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

# Instrumentation & Control Engineering Technology - Industrial Automation - Accelerated



This accelerated program is designed to meet industry's future requirements for a skilled workforce. It provides the opportunity for a graduate with an Engineering Technology Degree, Engineering Degree, or Science Degree in Physics or Chemistry, to earn an advanced technical diploma in instrumentation and control within a shorter time frame than those registered in the Instrumentation & Control Engineering Technology program. The accelerated program is delivered in seven terms including three recommended co-op terms. The standard three-year Instrumentation & Control Engineering Technology program includes three co-op terms delivered in nine terms.

The program provides the theory and technical hands-on knowledge to operate, maintain and troubleshoot various control systems. These computer control systems can be used to control countless processes. Instrumentation devices (i.e. transmitters and switches) are used to measure process variables (e.g. composition, temperature, pressure, level, density, mass, flow) in a variety of industrial, commercial and residential applications. Final control elements (i.e. valves, dampers, heaters, electric motors, conveyors) are then used to modify the process to maintain control.

Students enrolled in this program will train in Lambton College's newly renovated Centre of Excellence in Energy & Bio-Industrial Technologies. The Centre offers state-of-practice technology laboratories and infrastructure to support learning and research in next-generation technologies in collaboration with industry. The program labs replicate real-life manufacturing environments and the technologies developed can easily be scaled-up and transferred to an actual operating unit. Moreover, students in this program will have the opportunity to work in relevant industries within the three co-op terms.

### Employment Opportunities

Our graduates are employed in petrochemical, pharmaceutical, energy generation, automobile assembly lines and food processing plants.

### Admission Requirements

Applicants must possess an Engineering Technology Degree, Engineering Degree, or Science Degree in Physics or Chemistry.

Students who apply will be assessed individually and will be exempt from introductory courses based on their educational background.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

**Term 1**  
 FSC-4006 Structural Firefighting Operations  
 FSC-4033 Fire and Life Safety Educator  
 FSC-4023 Fire Dynamics and Behaviour  
 PED-4123 Fire Science Fitness III  
 MTH-4004 Fire Science Math  
 COM-1013 Critical Thinking and Writing  
 GED-XXX3 General Education Elective  
 FSC-4016 Haz Mat Technician

**Term 2**  
 FSC-5023 Fire Apparatus Operations  
 CJP-3023 Emergency Preparedness  
 FSC-5006 Special Emergency Operations  
 LFR-6016 Fire/Rescue Operations  
 FSC-5032 Fire Science Job Strategies  
 PED-5123 Fire Science Fitness IV  
 PHY-2404 Applied Physics  
 COM-2023 Communications for Fire Science  
 GED-XXX3 General Education Elective

**Term 3**  
 FSC-6003 Provincial Testing and Skills Evaluation  
 FSC-6013 Fire Apparatus Operations DZ Evaluation  
 FSC-6023 Haz Mat Technician Testing

**Term 4**  
 CPL-1049 Co-op Work Term (Optional)

**Term 1 September - December**  
 CHM-2812 Introduction to Industrial Chemical Processes  
 ICS-3305 Process Instrumentation I  
 STA-1903 Statistics for Technology  
 ELE-3505 Electronic Devices and Circuits I  
 ICS-3204 Introduction to AutoCAD for Instrumentation and Control  
 SUS-1003 Introduction to Sustainable Development  
 JSS-1001 Job Search and Success

**Term 2 January - April**  
 MTH-3903 Mathematics for Technology III  
 ICS-4305 Process Instrumentation II  
 ELC-3744 Digital Logic  
 ICS-5305 Process Control Systems  
 ELE-2055 Electric Circuits II

**Term 3 May - August**  
 CPL-1049 Co-op Work Term

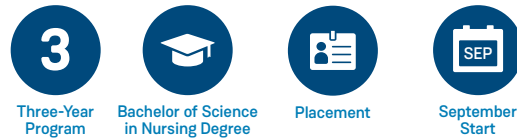
**Term 4 September - December**  
 CPL-2049 Co-op Work Term

**Term 5 January - April**  
 ICS-6405 Process Analyzer Systems  
 MTH-4903 Mathematics for Technology IV  
 ICS-5354 Programmable Logic Control  
 ELE-3155 Electrical Systems and Control  
 ICS-6233 Process Instrumentation Project Management and Documentation

**Term 6 May - August**  
 CPL-3049 Co-op Work Term

**Term 7 September - December**  
 ICS-6309 Advanced Process Control  
 ICS-6715 Control System Architecture and Data Communication  
 ELE-6154 Electrical Systems and Control II  
 ICS-6204 Instrumentation and Control Capstone Project  
 ICS-5703 Systems Automation

# Practical Nursing to Bachelor of Science - Nursing



The Practical Nursing to Bachelor of Science - Nursing Program is designed specifically for Registered Practical Nurses who are looking to upgrade their credentials to a Bachelor of Science in Nursing. This unique pathway provides students with the opportunity to complete the four-year BSCN degree in three years.

It is an exciting time to be a nursing student at Lambton College. Students work in Simulation Labs with both high-tech equipment and simulated patients (actors), providing students with learning experiences that are truly rewarding and unique. Lambton College prepares future nurses so they may enter the health care profession with both required knowledge and hands-on skills to be successful practitioners. Students will experience the importance of smaller class sizes and individual attention by faculty, thereby, enriching the learning experience.

### Employment Opportunities

Registered nurses have many career options open to them as they are prepared to care for individuals, families and communities in varied settings. Our graduates assume roles as clinical practitioners, health program and policy developers, researchers, administrators and teachers. Careers can be found in hospitals, clinics, home care, occupational health, schools and community agencies in both urban and rural settings.

### Admission Requirements

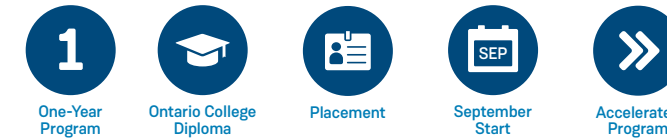
- Registered Practical Nursing Ontario College Diploma from a recognized Ontario College with an overall minimum 3.0 GPA or equivalent to 73% with no grade less than a C (63%)
- Minimum of one-year full-time work experience as a Registered Practical Nurse or equivalent (minimum 2,000 hours)
- Current registration with the College of Nurses of Ontario as an RPN with no terms, conditions or limitations on their practice

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	<b>Taken at Lambton College</b>
NURS-2130	Professional Nursing III
NURS-2531	Experiential Learning Lab III
NURS-1900	Writing for the Professional Nurse
BIOL-1073	Microbiology
NURS-2810	Adult Health and Health Alterations I
NURS-2320	Pharmacology and Medication Management II
PSYC-3390	Health Psychology
<b>Term 2</b>	<b>Taken at Lambton College</b>
NURS-2541	Experiential Learning Lab IV
NURS-2532	Clinical Practicum III
NURS-2820	Adult Health and Health Alterations II
NURS-2920	Maternal and Newborn
NURS-2930	Psychiatric and Mental Health
STAT-2910	Statistics for the Sciences
NURS-2622	Consolidated Practicum II
<b>Term 3</b>	<b>Taken at University of Windsor</b>
NURS-3551	Experiential Learning Lab V
NURS-3542	Clinical Practicum IV
NURS-3830	Adult Health and Health Alterations III
NURS-3940	Care of Children and Youth
NURS-3950	Nursing Research
NURS-3960	Community as Client
<b>Term 4</b>	<b>Taken at University of Windsor</b>
NURS-3140	Professional Nursing IV
NURS-3561	Experiential Learning Lab IV
NURS-3552	Clinical Practicum V
NURS-3840	Adult Health and Health Alterations IV
NURS-3970	Care of the Older Adult
NURS-3632	Consolidated Practicum III
	Arts Option Select 1
<b>Term 5</b>	<b>Taken at University of Windsor</b>
NURS-4150	Professional Nursing V
NURS-4571	Experiential Learning Lab VII
NURS-4980	Palliative Care
NURS-4990	Global Health
NURS-4000	Nurse Specialty Option
<b>Term 6</b>	<b>Taken at Lambton College</b>
NURS-4562	Integrated Clinical Practicum: Community Experience
NURS-4572	Integrated Clinical Practicum: Hospital Experience AND Integrated Rounds

# Recreation Therapy - Accelerated



This accelerated one-year program provides a fast-track opportunity for students having the proper admission requirements. This program prepares students for a profession that provides services and advocacy for individuals with a wide range of cognitive, physical, social and emotional limitations.

During the program, students learn theoretical foundations and practical skills that allow them to competently work through the therapeutic recreation process. The practice of Recreation Therapy is based on the belief that play, recreation and leisure are essential to achieving an individual's quality of life.

Through the development of meaningful goals and objectives individuals working in the recreation therapy field use recreation as a therapeutic tool to improve health and restore wellness. Through experiential learning that includes field placements and a variety of community experiences, students receive valuable hands-on practice. Through this practice, students have the opportunity to further develop their skills in the areas of: assessment, planning, implementation and evaluation.

Students also have the opportunity to receive additional specialized training while enrolled in this program. Students should be aware that having a criminal record could impact their ability to secure a field placement.

Reasons to Choose Lambton College's Recreation Therapy - Accelerated program:

1. Graduates are ready to work in an existing health care field.
2. Opportunities for advanced standing are available for students applying with a degree or diploma in a Health Sciences or Human Services related field.
3. Students receive a student membership to Therapeutic Recreation Ontario.
4. Students receive additional training that is highly sought after by employers.
5. Faculty are current and experts in their field.
6. Community partnerships allow students to get practical, hands-on experience.
7. Field placements within the recreation therapy setting.

### Employment Opportunities

Employment may be found in the areas of pediatrics, mental health, hospitals, community settings, long-term care facilities, rehabilitation and corrections.

### Admission Requirements

A college diploma or university degree in fields such as Developmental Service Worker, Child & Youth Care, Social Service Worker, Early Childhood Education or similar programs and/or a degree in a health related field. Additional course work may be required depending on the relevance of the applicant's degree or diploma.

### Tuition Fees

For first-year tuition fees based on the 2020-2021 academic year, please visit page 94/95.

<b>Term 1</b>	
TRE-1033	Foundations of Therapeutic Recreation
TRE-2023	Adapted Recreation and Program Planning in Therapeutic Recreation
TRE-3013	Divers Abilities in Therapeutic Recreation
TRE-3303	Leisure and Aging
HGD-1053	Introduction to Community Mental Health
FPP-2008	Field Placement II
<b>Term 2</b>	
TRE-2003	Leisure Education and Counselling in Therapeutic Recreation
TRE-2013	Therapeutic Recreation Assessment
TRE-2033	Therapeutic Recreation Leadership
TRE-2043	Research in Therapeutic Recreation
TRE-2113	Current Concepts in Health and Wellness
FPP-3008	Field Placement III
<b>Term 3</b>	
FPP-XXXX	Field Placement IV (optional)*

*\*Students with an undergraduate degree who wish to be eligible to pursue a Registration with Therapeutic Recreation Ontario - Diploma designation upon graduation, must complete additional placement practice hours to accumulate required field placement hours. Please contact the program coordinator for more information.*





## Earn while you learn!

Apprentices have the opportunity to earn a salary while they attend school. Attending classes is part of receiving certification in the skilled trades and Lambton College makes that classroom experience worthwhile.

1

### Route 1

Come to Lambton College and earn a skilled trade credential.

2

### Route 2

Find an employer or contractor who will sponsor you.

3

### Route 3

Find a union or trade association who holds Contracts of Apprenticeships with apprentices.

4

### Route 4

While still in high school, register as an apprentice through the Ontario Youth Apprenticeship Program.

### Lambton College offers the following Apprenticeships:

- Boilermaker
- Construction Maintenance Electrician
- General Carpenter
- Instrumentation & Control Technician
- Steamfitter

### For more information,

- » 519-541-2444
- » [info@lambtoncollege.ca](mailto:info@lambtoncollege.ca)

# Apprenticeships

## An Indigenous Focus for Learning

We are always looking for new opportunities to empower our Indigenous students on your individual path to personal growth – both in and outside of the classroom!

No matter where you hail from across Turtle Island, you are welcome on our campus, and we want you to think of us as your second home.



**Sean Hoogterp**  
Walpole Island First Nation

### Meet Sean

Sean Hoogterp is our Indigenous Student Success Coordinator. He focuses primarily on visiting and sharing with our local Indigenous communities.

- » [sean.hoogterp@lambtoncollege.ca](mailto:sean.hoogterp@lambtoncollege.ca)
- » 519-542-7751 x 3362

Sean understands there are so many things to consider as you make your decisions about your post-secondary education and he is here to help guide you along your journey. He can help you navigate Lambton College full-time programs and services, as well as share the knowledge and opportunities within the local First Nation communities.

## Funding for Indigenous Students

There are many funding opportunities available to help you fund your Lambton College education, whether you are First Nations, Inuit or Metis.

An application will most likely have to be completed, but the level of funding can really make it worth it. Depending on the situation, funding can cover tuition, books, fees, and even a living allowance. Application deadlines vary, so make sure you apply early!

We know navigating your way through this can be a struggle – but don't give up! Visit our website for more info, or reach out to Sean to get started.



Tim Plain, Nicolas Nahmabin and Luck Simon  
Aamjiwnaang First Nation



Angela George and Jessica Wilde  
Kettle & Stony Point First Nation

### Contact:

- » [lambtoncollege.ca/isc](http://lambtoncollege.ca/isc)
- » [isc@lambtoncollege.ca](mailto:isc@lambtoncollege.ca)
- » 519-542-7751 x 3494
- » [facebook.com/lambtoncollegelSC](https://facebook.com/lambtoncollegelSC)



**Dustin Pinnance**  
Walpole Island First Nation

# On Campus Living

The Lambton College Residence is a great option for students who want:

- The convenience of being a 10 minute walk to class
- Quick access to shopping, entertainment and restaurants without requiring a vehicle
- To enjoy the community aspect of living in Residence

**Included in Residence** » 4 meal plan options » 1 bathroom per room » 2 students per room



This is a sample room layout only. There are three different room layouts. *Actual residence room layout may differ.*

» [lambtoncollege.ca/residence](http://lambtoncollege.ca/residence)

# Athletics & Fitness Complex

At Lambton College, we make it easy for you to **balance your health and wellness with your school schedule** »



50  
Intramural Teams

FREE  
Fitness Centre  
Membership

7  
Varsity  
Teams

It makes me proud to be a Lion knowing the amount of support our basketball team gets from not only the students and staff, but the entire city of Sarnia. The energy in the building during the OCAA tournament was a feeling I will never forget and it was all because of the amazing people at Lambton College that made it such a special event.

Mason Hyde  
Men's Basketball

As a student of the Sports & Recreation Management program, I spent most of my free time in the Athletics & Fitness Complex. The ease of going before, between or after class allowed me to be more active on campus, meet friends and helped me take pride in the school I chose.

Jordan Bennett  
Sports & Recreation Management  
Current student



Visit [lclions.ca](http://lclions.ca) to learn how you can get involved in Athletics & Recreation at Lambton College.

# Internships, Co-ops & Placements



Internship



Co-op



Placement

Take your learning to the places you will work.

Experiential learning is injected into almost every one of our programs through co-ops, internships or field placements.

Our students are learning the skills in the classroom and then shortly after applying what they've learned in the real world – all while making connections with future employers, colleagues, and researchers.

“ My placement experience is a chapter of my life that I never want to forget. The best day in placement was the eight-hour shift I spent at Bluewater Health where I observed the birth of not just one, but three new lives coming into the world. The opportunities I was able to experience ranged from riding in an ambulance, to observing surgical operations in an operating room. It gave me a real-life education that you simply can't find in the classroom. ”

Shawn Skilton  
Paramedic  
Current Student

“ Co-op & Career Services truly gave me an immense amount of guidance and assistance with every aspect of getting a co-op and a part-time job. Whether it was helping to prepare for an interview, editing a resume or cover letter or scheduling a mock interview, my co-op advisor was just a phone call or email away. They were dedicated, committed and had a genuine desire to see their students succeed. ”

Mabel John  
Business Management  
Class of 2019





## Students have options when it comes to Pathways.

Whether you're transferring to Lambton College, from Lambton College or within Lambton College, you have a number of pathway options.

### Transferring to Lambton College

Students who have completed courses or programs at other colleges or universities may be able to transfer credits to programs at Lambton College. See the transfer credit search on our website.

### Within Lambton College

#### Pre-Programs

Students who may need to improve their GPA or who haven't quite decided which program they'd like to enter, often find that taking a pre-program allows them to better prepare for college programs.

At Lambton College, we have the following pre-programs:

- Pre-Community Services
- Pre-Health Sciences Pathway to Advanced Diplomas & Degrees
- Pre-Health Sciences Pathway to Certificates & Diplomas
- Pre-Trades & Technology

#### Switching Programs

Changing your mind is common, but it doesn't need to be a set back. Many of our programs have common courses that can be transferred easily so when you find yourself in a program that isn't the best fit, you may be able to switch to something different without having to lose time.

### Moving Beyond Lambton College

Many of our students complete programs at Lambton College and continue their learning through our many pathways that have been created with universities and colleges in Canada, the USA and around the world.

Specific agreements are listed on our program pages at [lambtoncollege.ca](http://lambtoncollege.ca) or you can also search at [ontransfer.ca](http://ontransfer.ca).

For more information,

» [lambtoncollege.ca/pathways](http://lambtoncollege.ca/pathways)

# Pathways

# Bursaries, Scholarships & OSAP

Be aware of the myths that might hold you back from getting free money.

## Myth 1



### I'm not a student who can win a scholarship

We recognize all kinds of excellence at Lambton College. We offer a range of scholarship opportunities for a range of students so it's well worth your time to look them over and apply for the ones that sound like a good fit for you.

## Myth 2



### I need a super high GPA to qualify

Some awards don't have a GPA component and some have requirements of 2.0 or 2.4 – these are C averages. Other awards are based on merits like your volunteer work, community involvement, future plans, or your passion and attitude for your program, labs, or field placements.

## Myth 3



### I need to apply for every scholarship I want

Many awards are faculty selected. That means having a great attitude and making a good impression on your teachers can help qualify you for these scholarships – you won't even have to fill out an application. Each award has specific criteria, and you can check them all out on [mylambton.ca](http://mylambton.ca).

In the 2019 - 2020 school year, **Lambton College** gave away »



## OSAP Funding

The Ontario Student Assistance Program offers two kinds of money

**Grants** ▶ money you don't have to pay back

**Student Loans** ▶ money you need to repay

OSAP funding is based on a number of factors – apply as soon as you can to ensure your money arrives on time.





Remember to write down your username and password and **start practicing your roar.**



# Have you already applied to Lambton College?

**Hooray - you're an applicant!**

Make sure you remember your login. Once you're an applicant, you can log in to [mylambton.ca](https://mylambton.ca) and access:

-  Application statuses
-  Entrance scholarship and bursary information
-  Services available to Lambton College students
-  Residence application





# Program Chart

Program Name	Length / Credential	Admission Requirements O.S.S.D. or equivalent with:	First Year Fees
<b>Business &amp; Information Technology</b>			
Business (BUSN)	Two-Year OCD	Grade 12 English C or U, Grade 11 or 12 Mathematics C or U	\$3,978.70
Business - Accounting (ACTG)	Two-Year OCD	Grade 12 English C or U, Grade 11 or 12 Mathematics C or U	\$3,978.70
Business Administration (BGEN)	Three-Year OCAD	Grade 12 English C or U, Grade 11 or 12 Mathematics C or U	\$4,205.58
Business Administration - Accounting (BACC)	Three-Year OCAD	Grade 12 English C or U, Grade 11 or 12 Mathematics C or U	\$4,205.58
Culinary Management (CULX)	12-Month OCD	Grade 12 English C or U	\$7,659.36
Computer Programmer (CPRO)	Two-Year OCD	Min 60% in the following: Grade 12 English C or U, Grade 11 or 12 Mathematics C or U	\$4,319.02
Esports Entrepreneurship & Administration (ESEA)	Two-Year OCD	Grade 12 English C or U	\$3,978.70
General Arts & Science - College Exploration (GASX)	One-Year OCC	Grade 12 English C or U	\$3,978.70
Liberal Studies (LIBS)	Two-Year OCD	Grade 12 English C or U	\$3,978.70
Office Administration - Executive (OAEX)	Two-Year OCD	Grade 12 English C or U	\$3,978.70
Office Administration - General (OAGN)	One-Year OCC	Grade 12 English C or U	\$3,978.70
Office Administration - Health Services (OAHS)	Two-Year OCD	Grade 12 English C or U	\$3,978.70
Photography (PHTG)	Two-Year OCD	Grade 12 English C or U	\$4,278.70
Sports & Recreation Management (SRAM)	Three-Year OCAD	Grade 12 English C or U	\$3,978.70
Tourism - Operations Management (TMAN)	15-Month OCD	Grade 12 English C or U	\$4,319.02
<b>Community Services</b>			
Child & Youth Care (CYCP)	Three-Year OCAD	Grade 12 English C or U (min 60%)	\$3,978.70
Community Integration through Co-operative Education (CICE)	Two-Year OCC	O.S.S.D. or O.S.S.C. or equivalent -or- Be at least 19 years of age, out of high school for one year, and apply as an adult learner	\$3,978.70
Developmental Services Worker (DSWP)	12-Month OCD	Grade 12 English C or U	\$7,672.24
Early Childhood Education (ECEP)	Two-Year OCD	Grade 12 English C or U	\$3,978.70
Police Foundations (PFND)	Two-Year OCD	Grade 12 English C or U	\$3,978.70
Pre-Community Services (PCOM)	One-Year OCC	Grade 12 English C or U	\$3,978.70
Protection, Security & Investigation (PSIP)	Two-Year OCD	Grade 12 English C or U	\$3,978.70
Recreation Therapy (TREC)	Two-Year OCD	Grade 12 English C or U	\$3,978.70
Social Service Worker (SSWK)	Two-Year OCD	Grade 12 English C or U	\$3,978.70
<b>Creative Design</b>			
Esthetician (ESTH)	12-Month OCD	Grade 12 English C or U	\$7,672.24
Hairstylist (HSTY)	12-Month OCD	Grade 12 English C or U	\$7,672.24
<b>Fire Science</b>			
Pre-Service Firefighter Education & Training (PFET)	10-Month OCC	Grade 12 English C or U, Grade 12 Mathematics C or U, Grade 11 or 12 Chemistry C or U	\$7,382.04
<b>Health Sciences</b>			
Bachelor of Science - Nursing (BSCN)	Four-Year Bachelor of Science in Nursing degree	Six level 4 courses from the U or M stream and an overall average of 70% minimum including: Grade 12 English U (min 65%), Grade 11 or 12 Mathematics C or U, Grade 12 Biology U SBI4U, Grade 12 Chemistry U SCH4U (min combined average 70% in biology and chemistry)	\$7,150.72
Massage Therapy (MSTC)	Two-Year OCAD	Grade 12 English C or U, Grade 11 or 12 Biology C or U -or- Grade 12 Exercise Science (PSE4U) -or- Grade 12 Introductory Kinesiology (PSK4U) -or- Grade 11 or 12 Health Care (TPJ3M or TPJ4M)	\$5,825.47
Occupational Therapist Assistant & Physiotherapist Assistant (OPTA)	Two-Year OCD	Grade 12 English C or U, Grade 11 or 12 Biology C or U -or- Grade 11 or 12 Chemistry C or U	\$3,978.70
Paramedic (PARA)	Two-Year OCD	Min 70% in the following: Grade 12 English C or U, Grade 12 Mathematics C or U, Grade 11 or 12 Chemistry C or U, Grade 11 or 12 Biology C or U	\$3,978.70
Personal Support Worker (PSWK)	One-Year OCC	Grade 12 English C or U	\$3,978.70
Personal Support Worker - Pre-Practical Nursing Pathway (PSWM)	One-Year OCC	Grade 12 English C or U	\$3,978.70

Program Name	Length / Credential	Admission Requirements O.S.S.D. or equivalent with:	First Year Fees
Pharmacy Technician (PHRM)	Two-Year OCD	Min 60% in the following: Grade 12 English C or U, Grade 11 or 12 Mathematics C or U, Grade 11 or 12 Chemistry C or U, Grade 11 or 12 Biology C or U	\$3,978.70
Practical Nursing (PRAC)	Two-Year OCD	Min 65% in the following: Grade 12 English C or U, Grade 12 Mathematics C or U, Grade 11 or 12 Biology C or U, Grade 11 or 12 Chemistry C or U	\$3,978.70
Pre-Health Sciences Pathway to Advanced Diplomas & Degrees (PHDP)	One-Year OCC	Grade 12 English C or U (min 55%), Grade 11 or 12 Chemistry C or U (min 60%), Grade 11 or 12 Biology C or U (min 60%), Grade 12 Mathematics C or U (recommended)	\$3,978.70
Pre-Health Sciences Pathway to Certificates & Diplomas (PHSP)	One-Year OCC	Grade 12 English C or U, Grade 11 or 12 Mathematics C or U	\$3,978.70
<b>Technology &amp; Trades</b>			
Chemical Laboratory Technology (CTEC)	Three-Year OCAD	Grade 12 English C or U, Grade 12 Mathematics C or U, Grade 11 or 12 Chemistry C or U, Grade 11 or 12 Biology C or U, Grade 11 or 12 Physics C or U (recommended)	\$3,978.70
Chemical Production & Power Engineering Technology (CPET)	Three-Year OCAD	Grade 12 English C or U, Grade 12 Mathematics C or U, Grade 11 or 12 Chemistry C or U or Grade 11 or 12 Physics C or U (Both recommended, one required)	\$6,794.66
Construction Carpentry Techniques (CACT)	One-Year OCC	Grade 12 English C or U	\$3,978.70
Electrical Power Distribution & Control Technician (PDCT)	Two-Year OCD	Grade 12 English C or U, Grade 12 Mathematics C or U, Grade 11 or 12 Physics C or U (recommended)*	\$4,319.02
Electrical Techniques (ELTC)	One-Year OCC	Grade 12 English C or U, Grade 12 Mathematics C or U, Grade 11 or 12 Physics C or U (recommended)	\$3,978.70
Environmental Technician - Water & Wastewater Systems Operations (EWSO)	Two-Year OCD	Grade 12 English C or U, Grade 12 Mathematics C or U (MCT4C or any Grade 12 U math is recommended; MAP4C accepted with minimum grade of 60%), Grade 12 Chemistry C or U (recommended)	\$5,995.08
Heating, Refrigeration & Air Conditioning Technician (HVAC)	Two-Year OCD	Grade 12 English C or U, Grade 11 or 12 Mathematics C or U*	\$4,319.02
Instrumentation & Control Engineering Technology - Industrial Automation (ICET)	Three-Year OCAD	Grade 12 English C or U, Grade 12 Mathematics C or U, Grade 11 or 12 Chemistry C or U -or- Grade 11 or 12 Physics C or U (both recommended; only one required)*	\$5,390.08
Millwright Mechanical Technician (MTIM)	Two-Year OCD	Grade 12 English C or U, Grade 12 Mathematics C or U, Grade 11 or 12 Physics C or U (recommended)*	\$4,319.02
Power Engineering Technology (PETC)	Three-Year OCAD	Grade 12 English C or U, Grade 12 Mathematics C or U, Grade 11 or 12 Physics C or U -or- Grade 11 or 12 Chemistry (both recommended; one required)*	\$6,443.70
Pre-Trades & Technology (PTEC)	One-Year OCC	Grade 12 English C or U, Grade 11 or 12 Mathematics C or U	\$3,978.70
Renovation Construction Technician (RENT)	Two-Year OCD	Grade 12 English C or U	\$4,319.02
Welding Techniques (WELD)	One-Year OCC	Grade 12 English C or U	\$3,978.70
Workplace Safety & Prevention (WSPP)	Two-Year OCD	Grade 12 English C or U, Grade 11 or 12 Chemistry C or U -or- Grade 11 or 12 Biology C or U (both recommended; one required)	\$3,978.70
<b>Graduate Studies</b>			
Business Management (BMAN)	Two-Year OCGC	Please refer to page 70	\$4,319.02
Business Management - International Business (BMIB)	Two-Year OCGC	Please refer to page 71	\$4,319.02
Chemical Production & Power Engineering Technology - Accelerated (CPEX)	Two-Year OCAD	Please refer to page 72	\$6,794.66
Communicative Disorders Assistant (CDAS)	12-Month OCGC	Please refer to page 73	TBD Spring 2021
Fire Science Technology (FIRE)	10-Month OCAD	Please refer to page 74	\$7,805.04
Instrumentation & Control Engineering Technology - Industrial Automation - Accelerated (ICTX)	Two-Year OCAD	Please refer to page 75	\$5,390.08
Practical Nursing to Bachelor of Science - Nursing (BSCP)	Three-Year Bachelor of Science in Nursing degree	Please refer to page 76	\$7,150.72
Recreation Therapy - Accelerated (TREX)	One-Year OCD	Please refer to page 77	\$3,978.70

- OCC ▶ Ontario College Certificate
- OCD ▶ Ontario College Diploma
- OCAD ▶ Ontario College Advanced Diploma
- OCGC ▶ Ontario College Graduate Certificate

\* For additional grade requirements, see the program page.

*Note: Fees are based on the 2020-2021 academic year and are subject to change.*

# How to Apply

## Steps you take to be a Lambton Lion:

### Research

Read all you need to at [lambtoncollege.ca](http://lambtoncollege.ca)



### Ask Questions and Kick the Tires

After you've read all you can, book a tour, give us a call and come to an Open House (or two) – we're here to help.



### Apply

Once you have drilled us with every question and concern, don't forget to complete your application by February 1 at [ontariocolleges.ca](http://ontariocolleges.ca)



### Wait Patiently

For that acceptance in the mail – acceptance packages start going out to students as early as February 1. Once you've been accepted, remember you can log in to [mylambton.ca](http://mylambton.ca) and track the status of your application.

Look for scholarships and bursaries and familiarize yourself with all of the services and student activities that will be available to you when you're a real Lambton Lion.



### Accept that Offer

Don't leave us hanging! Let us know you want to come to Lambton College by May 1 – we're sitting on pins and needles waiting for an answer.

# Important Dates

## Deadlines

Don't miss out on being a Lion because you missed an important deadline – pop these five dates in your calendar and set a reminder!



### Early Oct 2020

Ontariocolleges.ca opens applications



### Feb 1, 2021

Last day to submit applications to [ontariocolleges.ca](http://ontariocolleges.ca) for highly competitive programs



### May 1, 2021

Last day to confirm acceptance into a program



### June 15, 2021

Deposit due for programs beginning in the Fall



### Sept 21, 2021

Last day to pay Fall fees

## Information Sessions

We'd love the opportunity to interact with you at a virtual event or face-to-face and we have lots of opportunities below. Looking for specific times and details? Visit our website.

October 21 - 22, 2020

October 28, 2020

November 21, 2020

November 25, 2020

January 14, 2021

January 27, 2021

February 17, 2021

March 15 - 19, 2021

March 27, 2021

April 21, 2021

May 19, 2021

June 16, 2021

July 21, 2021

August 18, 2021

September 1, 2021

Ontario College Information Virtual Fair

College Virtual Sync Session

Fall Open House

College Virtual Sync Session

College Virtual Sync Session - Parent Edition

College Virtual Sync Session

College Virtual Sync Session

March Break Tours

Spring Open House

Return to Learn

Return to Learn

Return to Learn

Return to Learn

Return to Learn

Return to Learn

» [lambtoncollege.ca/events](http://lambtoncollege.ca/events)



» info@lambtoncollege.ca

» 519-541-2403

1457 London Rd., Sarnia, ON N7S 6K4



Don't worry - even though I feel soft on the outside - I'm still recyclable!