



Lambton
College

International
Education



CHANGE EVERYTHING

Undergraduate Guide >> 2021 - 2022



Student Information

- 2 Campus Locations
- 3 Study in Sarnia
- 4 Study in Mississauga
- 5 Study in Toronto
- 6 Our Graduates Shine
- 8 Our Programs
- 40 Residence in Sarnia
- 42 Athletics in Sarnia
- 44 Student Employment
- 46 Medical Insurance Coverage



Program Information

Campus Location ▶ **M** Mississauga **S** Sarnia **T** Toronto

Business

- S T** 10 Business
- S** 11 Business - Accounting
- S** 12 Business Administration - Accounting
- S** 13 Business Administration - General
- S** 21 eSports Entrepreneurship & Administration
- M** 24 International Business
- S** 27 Office Administration - Executive
- S** 35 Sports & Recreation Management
- S M** 37 Tourism – Operations Management

Engineering & Sciences

- S** 14 Chemical Lab Technician
- S** 15 Chemical Production & Power Engineering Technology
- S** 19 Electrical Power Distribution & Control Technician
- S** 20 Environmental Technician - Water & Wastewater Systems Operations
- S** 22 Heating Refrigeration & Air Conditioning Technician
- S** 23 Instrumentation & Control Engineering Technician - Industrial Automation
- S** 26 Millwright Mechanical Technician
- S** 31 Power Engineering Technician
- S** 32 Protection, Security & Investigation
- S** 34 Renovation Construction Technician
- S** 38 Welding Techniques

Health & Safety

- S** 18 Early Childhood Education
- S** 25 Massage Therapy
- S** 28 Personal Support Worker
- S** 29 Pharmacy Technician
- S M** 33 Recreation Therapy
- S** 39 Workplace Safety & Prevention

Information Technology

- S M T** 16 Computer Programmer
- T** 36 Software Engineering Technician - Artificial Intelligence & Machine Learning

School of Cool

- S** 17 Culinary Management
- S** 30 Photography



Campus Locations

Lambton College's programs are design for highly motivated, professionally focused international students that are looking for a career oriented graduate education.

Our academic programs are designed to maximum opportunities to gain Canadian work experience through co-op or internship opportunities. Academic schedules are efficiently designed so that students can minimize commute time and maximize relevant part time employment opportunities. Students in some programs are also able to work closely with industry partners to drive commercialization efforts through applied research projects.

Study in Sarnia

Sarnia, Ontario

Lambton College's main campus is located in Sarnia, one of the safest and most affordable communities in Ontario. Maybe that's why 96% of international graduates recommend studying here! The city is easily accessible by foot, bike, public transit, or car. With 115 km of waterfront and 600 km of nature trails, Sarnia provides international students a quintessentially Canadian experience. Equally important is that there is an abundance of quality part time jobs for international students close to the campus including restaurants, hardware stores, as well as grocery and convenience stores.





Study in Toronto

Toronto, Ontario

Canada's largest city - Toronto - is among the safest and most diverse cities in the world. Lambton in Toronto at Cestar College is conveniently located within walking distance to restaurants, shops, and the Don Mills subway station. Lambton in Toronto comprises two large buildings and 100,000 sq. ft. of space for student services, library, fitness and health, self-study, applied research, tutoring, special events, an auditorium, and a Tim Horton's cafe for on-campus food and beverage services. Over 11,000 international students have graduated with their post graduate work permit since its inception in 2011.



Greater Toronto Area



Study in Mississauga

Mississauga, Ontario

Mississauga is home to over 1,400 multinational firms, making it the perfect city to live, study, and work. Lambton College in Mississauga is conveniently located near Brampton and the Toronto Pearson International Airport. Lambton in Mississauga campus at Queens College is located in two buildings with over 30,000 square feet of classrooms, labs, library and study areas. Over 4,000 students have graduated with their post graduate work permit since its inception in 2017.



Our Graduates Shine

» Lambton College graduates exhibit the best skills and knowledge in the Province as they enter the workforce.



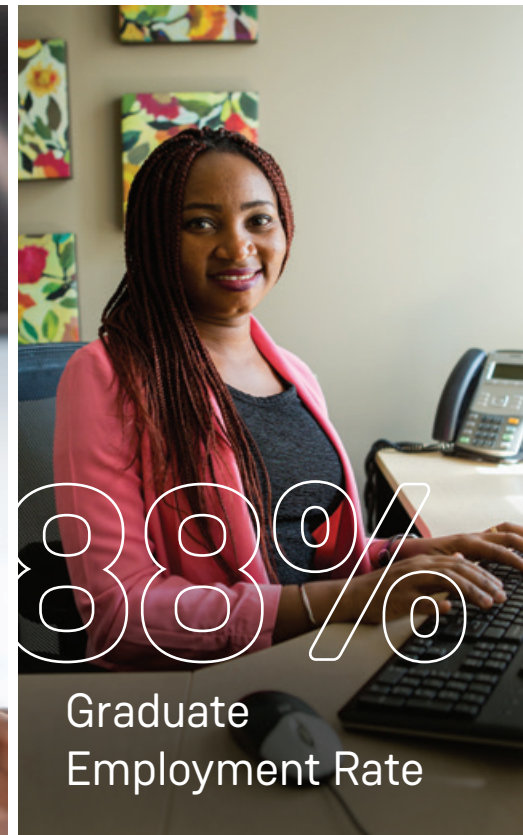
100%

Employer Satisfaction Rate



96%

Satisfied Choice of Study Destination



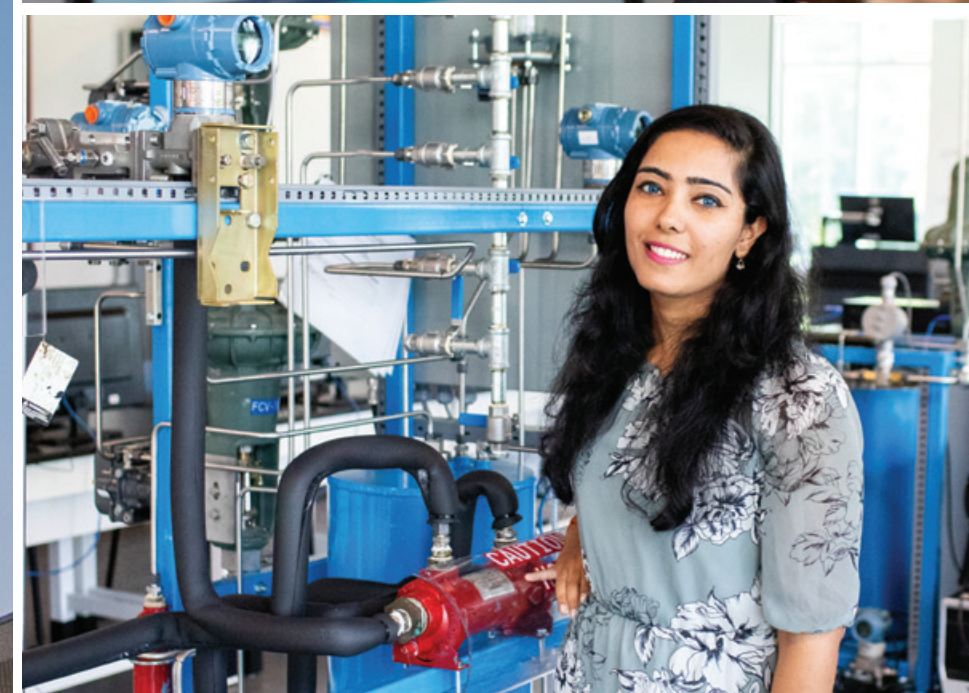
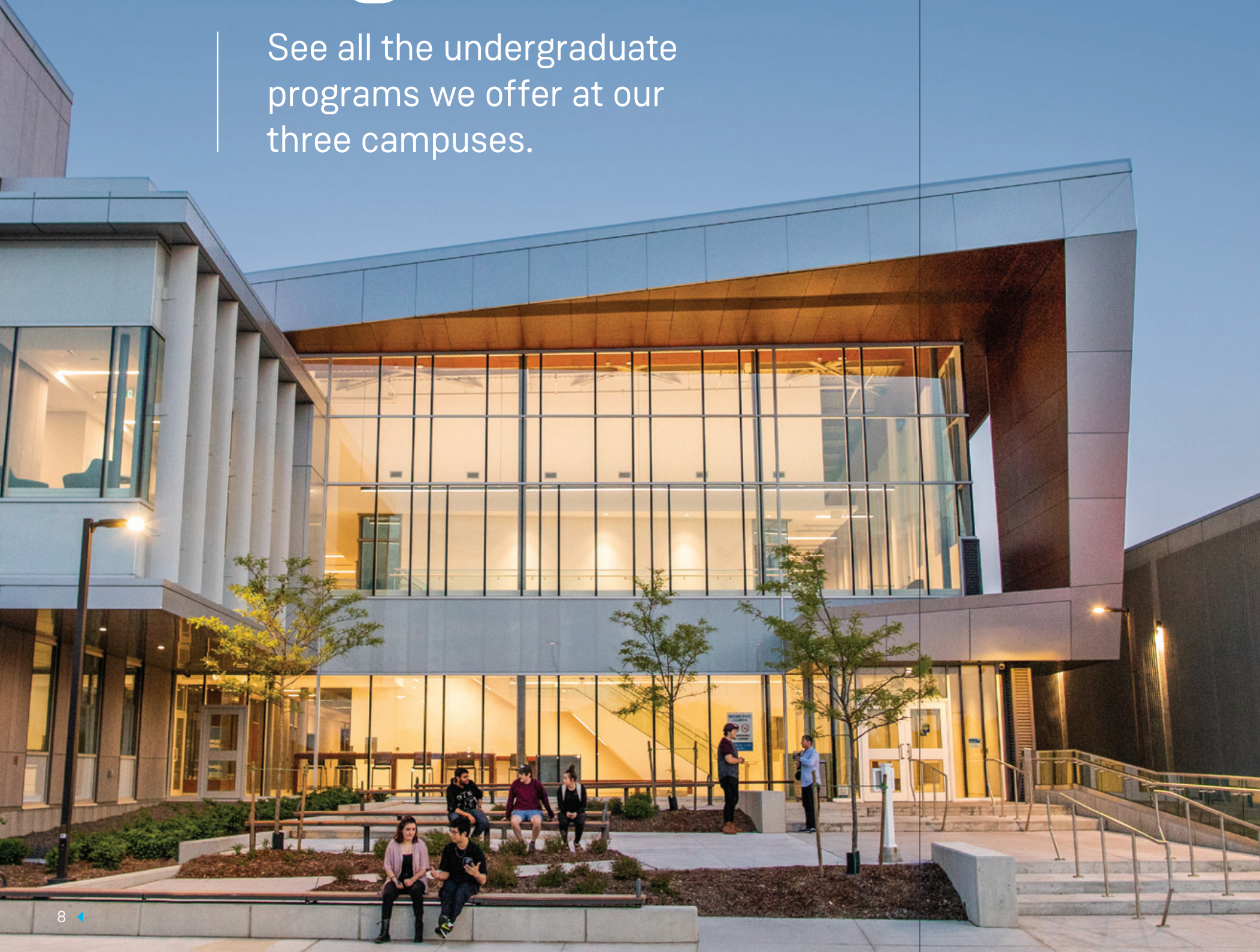
88%

Graduate Employment Rate

According to the latest Key Performance Indicator report, Lambton College has achieved the highest Employer Satisfaction rate in Ontario with 100% of employers surveyed reporting they were very satisfied with the performance of their new hires.

Our Programs

See all the undergraduate programs we offer at our three campuses.



Business



SARNIA **TORONTO**

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 corporation, 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.

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
- Grade 12 Mathematics

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,487.37 |
| TERM 3 | \$7,147.37 |
| TERM 4 | \$6,487.37 |
| TOTAL | \$27,346.76 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Business - Accounting



SARNIA

The two-year Business - Accounting program is the first step towards 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 provides access to important 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 in Sarnia.

To develop your skills, you will also have access to Cube - Lambton College's entrepreneurship hub - and 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
- Grade 12 Mathematics

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,487.37 |
| TERM 3 | \$7,147.37 |
| TERM 4 | \$6,487.37 |
| TOTAL | \$27,346.77 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Term 1

| | |
|----------|------------------------------------|
| MTH-1223 | Business Mathematics I |
| COM-1013 | Critical Thinking and Writing |
| BUS-1234 | Computer Applications for Business |
| MAN-1103 | Human Resource Management |
| MKT-1143 | Marketing Fundamentals |
| ACC-1004 | Accounting Theory and Practice |
| SDV-1001 | College Orientation |

Term 2

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

Term 3

| | |
|----------|--------------------------|
| STA-1103 | Business Statistics |
| ECO-1123 | Microeconomics |
| MKT-1103 | Social Media Marketing |
| MAN-1163 | Organizational Behaviour |
| MKT-3213 | Business Intelligence I |
| MKT-3113 | Retailing |

Term 4

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

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 - Accounting



SARNIA

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! This program can lead to various pathways to professional accounting credentials that can be beneficial to career development.

Students in this program will receive a well-rounded and thorough education in important aspects of business such as human resources, law, and marketing. 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 Term 5 in a co-op work experience. This provides exposure to a business environment and could provide valuable work experience in the accounting field.

To develop your skills, you will also have access to Cube - Lambton College's entrepreneurship hub - and the ability to participate 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. Accountants are needed in all business sectors – public and private. These could include government and 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, or financial and tax analysis. Some graduates have opted to participate in entrepreneurial opportunities.

Admission Requirements

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

- Grade 12 English
- Grade 12 Mathematics

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,338.09 |
| TERM 2 | \$6,600.81 |
| TERM 3 | \$7,260.81 |
| TERM 4 | \$6,600.81 |
| TERM 5 | \$0.00 |
| TERM 6 | \$7,260.81 |
| TERM 7 | \$6,600.81 |
| TOTAL | \$41,662.16 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

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 |
| GED-XXX3 | General Education Elective |
| STA-1103 | Business Statistics |
| MAN-1163 | Organizational Behaviour |

Term 4

| | |
|----------|----------------------------|
| 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 |

Term 5

| | |
|----------|----------------------------|
| CPL-1049 | Co-op Work Term (optional) |
|----------|----------------------------|

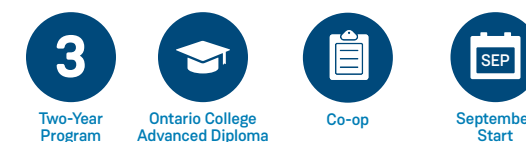
Term 6

| | |
|----------|---------------------------|
| BUS-5503 | Entrepreneurship I |
| MKT-1103 | Social Media Marketing |
| MKT-1143 | Marketing Fundamentals |
| MAN-1103 | Human Resource Management |
| FIN-2113 | Taxation II |

Term 7

| | |
|----------|---|
| 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 |

Business Administration - General



SARNIA

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 programs 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, retailing, 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
- Grade 12 Mathematics.

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,338.09 |
| TERM 2 | \$6,600.81 |
| TERM 3 | \$7,260.81 |
| TERM 4 | \$6,600.81 |
| TERM 5 | \$0.00 |
| TERM 6 | \$7,260.81 |
| TERM 7 | \$6,600.81 |
| TOTAL | \$41,662.14 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Term 1

| | |
|----------|------------------------------------|
| MTH-1223 | Business Mathematics I |
| COM-1013 | Critical Thinking and Writing |
| BUS-1234 | Computer Applications for Business |
| MAN-1103 | Human Resource 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 |
| ACC-2004 | Accounting Theory and Practice II |
| - OR - | |
| ACC-2104 | Accounting Concepts II |
| JSS-1001 | Job Search and Success |

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-4213 | Business Intelligence II |
| MKT-3353 | Integrated Marketing Communications |
| GED-XXX3 | General Education Elective |

Term 5

| | |
|----------|----------------------------|
| CPL-1049 | Co-op Work Term (optional) |
|----------|----------------------------|

Term 6

| | |
|----------|----------------------------------|
| 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 |

Term 7

| | |
|----------|------------------------------------|
| BUS-6503 | Entrepreneurship II |
| FIN-2203 | Financial Management II (optional) |
| GED-XXX3 | General Education Elective |
| BUS OPT | Business Options - Select 4 |

Chemical Lab Technician



Two-Year Program



Ontario College Diploma



September Start

SARNIA

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.

New Exciting Opportunities in Chemical Laboratory Technology: 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.

Unique Learning Opportunities: This program is a truly unique offering in the Ontario College System. The Chemical Laboratory Technology program builds on the curriculum of the Chemical Laboratory Technician, however does so by an entire term where students meet their learning outcomes by solving real world problems doing real world research. This unique project based hands-on curriculum in program's final year 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.

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
- Grade 12 Mathematics
- Grade 12 Chemistry
- Grade 12 Biology (recommended)

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,487.37 |
| TERM 3 | \$7,147.37 |
| TERM 4 | \$6,487.37 |
| TOTAL | \$27,346.76 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Chemical Production & Power Engineering Technology



Two-Year Program



Ontario College Advanced Diploma



Co-op



September Start



January Start

SARNIA

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.

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 three academic terms, students can apply to the TSSA to receive a nine-month 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 CPET program requirements and fees.

This program is also available in an accelerated format for students with university degrees in related programs.

Please Note: Students must complete all core courses in academic terms 1-3 through traditional on-ground class delivery to be eligible for the nine-month steam time reduction towards their 4th Class certificate.

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)

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

For more information regarding tuition, please contact international@lambtoncollege.ca.

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

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* |
| 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.

Computer Programmer



MISSISSAUGA SARNIA TORONTO

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, student 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.

This Lambton College program is licensed to and delivered by Cestar College (PDF), a licensed private career college in Toronto, Ontario. Students that are registered at Lambton in Toronto are students of a public college and as such, will receive full credit from Lambton College for all Lambton College courses completed at the Cestar College campus in Toronto. Students who meet program graduation requirements will graduate with a credential from Lambton College.

Employment Opportunities

Graduates use their problem solving and critical thinking skills to analyze business and industry requirements and design, develop and implement real life database-driven enterprise web applications.

A wide variety of rewarding career opportunities that are dynamic and challenging, offering a competitive rate of compensation are available to graduates. Courses 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 a minimum grade of 60% in the following::

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

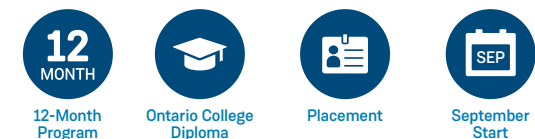
IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | | | |
|--------|------------|--------------|--------------------|
| TERM 1 | \$8,300.00 | | |
| TERM 2 | \$7,550.00 | TERM 4 | \$8,000.00 |
| TERM 3 | \$8,300.00 | TERM 5 | \$900.00 |
| | | TOTAL | \$27,346.76 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Culinary Management



SARNIA

Turn a passion into an exciting career with the Culinary Management diploma from Lambton College. Learn from journeyperson 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

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,890.65 |
| TERM 2 | \$7,153.37 |
| TERM 3 | \$7,153.37 |
| TOTAL | \$22,197.39 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

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 |

Early Childhood Education



SARNIA

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

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,487.37 |
| TERM 3 | \$7,147.37 |
| TERM 4 | \$6,487.37 |
| TOTAL | \$27,346.76 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Electrical Power Distribution & Control Technician



SARNIA

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
- Grade 12 Mathematics
- Grade 11 or 12 Physics (recommended)

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,394.81 |
| TERM 2 | \$6,657.53 |
| TERM 3 | \$7,317.53 |
| TERM 4 | \$6,657.53 |
| TOTAL | \$28,027.40 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Term 1

| | |
|----------|---|
| 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 |

Term 2

| | |
|----------|---|
| 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 |

Term 3

| | |
|----------|-----------------------------------|
| 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 |

Term 4

| | |
|----------|------------------------------------|
| 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 |

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-1904 | Mathematics for Technology I |

Term 2

| | |
|----------|-------------------------------------|
| 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 |

Term 3

| | |
|----------|---|
| 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 |

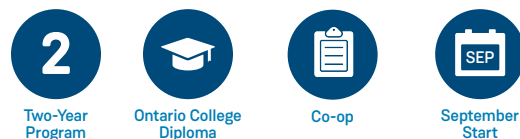
Term 4

| | |
|----------|---|
| 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 |

Term 5

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

Environmental Technician - Water & Wastewater Systems Operations



SARNIA

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
- Grade 12 Mathematics

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$8,269.75 |
| TERM 2 | \$7,532.47 |
| TERM 3 | \$660.00 |
| TERM 4 | \$7,532.47 |
| TOTAL | \$23,994.69 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Esports Entrepreneurship & Administration



SARNIA

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
- Any Grade 12 Mathematics

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,487.37 |
| TERM 3 | \$7,147.37 |
| TERM 4 | \$6,487.37 |
| TOTAL | \$27,346.76 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

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) |
|----------|----------------------------|

Term 4

| | |
|----------|----------------------------|
| CPL-2049 | Co-op Work Term (optional) |
|----------|----------------------------|

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) |
|----------|----------------------------|

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 |

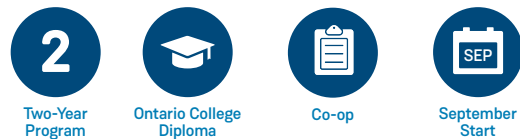
Term 3

| | |
|----------|-------------------------------|
| 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 |

Heating, Refrigeration & Air Conditioning Technician



SARNIA

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.

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.

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
 - Grade 12 Mathematics

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,394.81 |
| TERM 2 | \$6,657.53 |
| TERM 3 | \$0.00 |
| TERM 4 | \$7,317.53 |
| TERM 5 | \$6,657.53 |
| TOTAL | \$28,027.40 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Instrumentation & Control Engineering Technician - Industrial Automation



SARNIA

With the increase in use of automated equipment across all major industry sectors, the need for qualified instrumentation and control engineering technicians is evident.

The Instrumentation & Control Engineering Technician program provides the necessary training and technical hands-on skills to operate and maintain control systems field instruments that incorporate digital, pneumatic and hydraulic processes. Instruments are used in the industry to measure and transmit signals to control the quality of products in oil and gas, petrochemical, pharmaceutical, food processing, and manufacturing plants. They are also used in controlling environmental conditions in a variety of industrial and commercial buildings.

Within the program, students will acquire the technical skills and knowledge to carry out maintenance, troubleshooting, configure, calibrate and maintain measurement and indicating instrumentation (pneumatic, analog, digital, etc.) in a variety of replicated industrial settings.

Students will enhance their in-class training through hands-on learning in Lambton College's Centre of Excellence in Energy & Bio-Industrial Technologies which contains complex lab and pilot plant facilities. This Centre replicates a real-life manufacturing environment and the technologies developed can easily be scaled-up and transferred to an actual operating unit.

Employment Opportunities

Our graduates find employment as instrument technician trainees and are involved with the installation, maintenance and repair of pneumatic and electronic instrumentation. Opportunities for employment as an instrument technician exist in the following industries: chemical, petroleum refining, food processing, auto manufacturing, steel production, and pulp and paper.

Admission Requirements

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

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

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,487.37 |
| TERM 3 | \$7,147.37 |
| TERM 4 | \$6,487.37 |
| TOTAL | \$27,346.76 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Term 1

| | |
|----------|---------------------------------------|
| 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 |

Term 2

| | |
|----------|---|
| 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 |

Term 3

| | |
|----------|----------------------------|
| CPL-1049 | Co-op Work Term (optional) |
|----------|----------------------------|

Term 4

| | |
|----------|--|
| 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 |

Term 5

| | |
|----------|--|
| 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 |

International Business



MISSISSAUGA

The Lambton College International Business, Ontario College Diploma program prepares graduates for exciting and rewarding careers in the global workplace. Students will study foundational business knowledge as well as gain specialized global business knowledge and communications skills required to work in a career in international business.

In the first year, students will be introduced to business courses in marketing, accounting, computer applications, business principles and ethics. Important studies in business communications and mathematics round out the year. The second year will move into international business courses that deal with topics such as international commerce, global supply chain documentation, sales of goods, and marketing from an international trade perspective. Graduates will gain specialized career expertise, technical knowledge and skills in international business.

Upon meeting graduation requirements, pending accreditation approval graduates will possess the necessary course preparation to apply for the Diploma in International Trade from the Forum for International Trade Trading (FITT). This program enables students to fulfill the educational component for Certified International Trade Professional (CITP)® designation from FITT as well as the Certified Associate in Project Management (CAPM)®. See the FITT website and the Project Management Institute (PMI)® website for additional requirements such as, mandatory examination and work experience to complete the designations. Separate registration, eligibility and fees determined by FITT and the (PMI)® will apply.

Certified Associate in Project Management is a registered mark of the Project Management Institute Inc.

This Lambton College program is licensed to and delivered by Queen's College, a licensed private career college in Mississauga, Ontario. Students that are registered at Lambton in Mississauga are students of a public college and as such, will receive full credit from Lambton College for all Lambton College courses completed at the Queen's College campus in Mississauga. Students who meet program graduation requirements will graduate with a credential from Lambton College.

Career positions may include, but are not limited to: Supply Chain, Customs Broker, Cargo Broker, Import/Export Officer, Trade Agent, Purchasing Agent, Purchasing Officer, International Sales.

Admission Requirements

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

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

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$8,210.00 |
| TERM 2 | \$7,550.00 |
| TERM 3 | \$8,276.00 |
| TERM 4 | \$8,046.00 |
| TOTAL | \$32,082.00 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Massage Therapy



SARNIA

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.

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
- Grade 12 Biology

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,487.37 |
| TERM 3 | \$6,487.37 |
| TERM 4 | \$7,147.37 |
| TERM 5 | \$6,487.37 |
| TERM 6 | \$6,487.37 |
| TOTAL | \$40,321.50 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Term 1

| | |
|----------|--------------------------------|
| 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 |

Term 2

| | |
|----------|----------------------------|
| 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 |

Term 3

| | |
|----------|------------------------|
| MST-3006 | Massage Treatments II |
| MST-3602 | Introduction to Clinic |
| MST-3703 | Outreach I |

Term 4

| | |
|----------|----------------------------|
| MST-4006 | Massage Treatments III |
| MST-4604 | Clinic |
| MST-4703 | Outreach II |
| MST-4908 | Anatomy and Physiology III |
| GED-XXX3 | General Education Elective |

Term 5

| | |
|----------|---------------------------|
| MST-5006 | Massage Treatments IV |
| MST-5604 | Clinic |
| MST-5703 | Outreach III |
| MST-5803 | Business (Nine Weeks) |
| MST-5907 | Anatomy and Physiology IV |

Term 6

| | |
|----------|----------------------|
| MST-5205 | Master Practicum |
| MST-6006 | Massage Treatments V |
| MST-6604 | Clinic |

Millwright Mechanical Technician



SARNIA

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
- Grade 12 Mathematics
- Grade 11 or 12 Physics (recommended)

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,394.81 |
| TERM 2 | \$6,657.53 |
| TERM 3 | \$7,317.53 |
| TERM 4 | \$6,657.53 |
| TOTAL | \$28,027.40 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

| | |
|---------------|----------------------------------|
| 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 |

Office Administration - Executive



SARNIA

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

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | | | |
|--------|------------|--------------|--------------------|
| Term 1 | \$7,224.65 | Term 3 | \$7,260.81 |
| Term 2 | \$6,487.37 | Term 4 | \$6,600.81 |
| | | Total | \$27,573.64 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

| | |
|---------------|--|
| 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.

Personal Support Worker



SARNIA

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

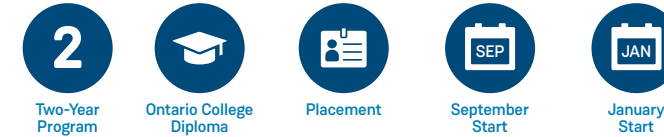
IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,487.37 |
| TOTAL | \$13,712.02 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Pharmacy Technician



SARNIA

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
- Grade 11 or 12 Mathematics
- Grade 11 or 12 Biology
- Grade 11 or 12 Chemistry

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,487.37 |
| TERM 3 | \$7,147.37 |
| TERM 4 | \$6,487.37 |
| TOTAL | \$27,346.76 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

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) |

Term 1

| | |
|----------|--|
| COM-1013 | Critical Thinking and Writing |
| IPH-1001 | Interprofessional Perspectives |
| PHR-1023 | Pharmacy Fundamentals and Legislation |
| 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



SARNIA

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.

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

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,787.37 |
| TERM 3 | \$7,647.37 |
| TERM 4 | \$6,987.37 |
| TOTAL | \$28,646.76 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Power Engineering Technician



SARNIA

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 and the 3rd Class level in year two.

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. The first two years of Lambton College's Power Engineering curriculum will make up the Power Engineering Technician, or PETN program. This program follows the curriculum of the standardized Power Engineer's examination committee (SOPEEC) and prepares students to write the Technical Standards and Safety Authority (TSSA) examinations for 4th, 3rd class certification.

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: power generation, chemical manufacturing, food processing, electrical generation, 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
- Grade 12 Mathematics
- Grade 12 Chemistry
- -or-
- Grade 12 Physics (both recommended, only one is required)

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$8,571.93 |
| TERM 2 | \$7,834.65 |
| TERM 3 | \$8,494.65 |
| TERM 4 | \$7,834.65 |
| TOTAL | \$32,735.88 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

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 |

Term 1

| | |
|----------|--|
| 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 |
| ENG-1173 | Communications for Technology |
| CHM-1753 | Chemistry for Power Engineers |
| OHS-2012 | Health and Safety for Industrial Processes |

Term 2

| | |
|----------|---|
| OES-2115 | Operating Engineering Studies - Boilers |
| OES-3124 | Operating Engineering Studies - Equipment |
| OES-3113 | Refrigeration Theory and Systems I |
| MEC-2212 | Power Plant Maintenance |
| GED-XXX3 | General Education Elective |

Term 3

| | |
|----------|---------------------------------------|
| OES-3202 | 3rd Class Power Engineering A |
| OES-3314 | Electrotechnology for Power Engineers |
| OES-4114 | Piping and Mechanical Systems |
| OES-5117 | High Pressure Boilers and Auxiliaries |
| GED-XXX3 | General Education Elective |
| STA-4902 | Statistics for Technology |

Term 4

| | |
|------------|--|
| OES-4124 | Operating Engineering Studies - Advanced Equipment |
| OES-5123 | Operating Engineering Calculations |
| IIOES-5214 | Refrigeration Theory and Systems II |
| OES-6052 | Plant Administration, Safety and Fire Protection |
| ENG-2173 | Communications for Technology II |
| GED-XXX3 | General Education Elective |

Protection, Security & Investigation



SARNIA

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

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | | | |
|--------|------------|--------------|--------------------|
| TERM 1 | \$7,224.65 | TERM 3 | \$7,147.37 |
| TERM 2 | \$6,487.37 | TERM 4 | \$6,487.37 |
| | | TOTAL | \$27,346.76 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Term 1

| | |
|----------|--------------------------------------|
| 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 |

Term 2

| | |
|----------|---|
| 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 |

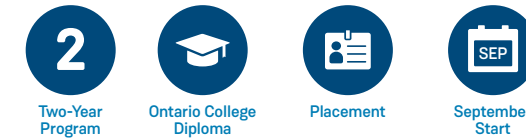
Term 3

| | |
|----------|-----------------------------------|
| 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 |

Term 4

| | |
|-----------|---|
| 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



MISSISSAUGA

SARNIA

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

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,487.37 |
| TERM 3 | \$7,147.37 |
| TERM 4 | \$6,487.37 |
| TOTAL | \$27,346.76 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Term 1

| | |
|----------|--|
| 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 |

Term 2

| | |
|----------|--|
| 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 |

Term 3

| | |
|----------|---|
| 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 |

Term 4

| | |
|----------|---|
| 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



SARNIA

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

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,393.81 |
| TERM 2 | \$6,657.53 |
| TERM 3 | \$7,317.53 |
| TERM 4 | \$6,657.53 |
| TERM 5 | \$0.00 |
| TOTAL | \$28,026.40 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Term 1

| | |
|----------|--|
| 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) |

Term 2

| | |
|----------|--|
| 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 |

Term 3

| | |
|----------|----------------------------|
| CPL-XXX3 | Co-op Work Term (optional) |
|----------|----------------------------|

Term 4

| | |
|----------|--|
| 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 |

Term 5

| | |
|----------|---|
| 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 |

Sports & Recreation Management



MISSISSAUGA

SARNIA

TORONTO

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

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,487.37 |
| TERM 3 | \$7,260.81 |
| TERM 4 | \$6,600.81 |
| TERM 5 | \$7,260.81 |
| TERM 6 | \$6,600.81 |
| TOTAL | \$41,435.26 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

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) |

Software Engineering Technician - Artificial Intelligence & Machine Learning



TORONTO

The Lambton College Software Engineering Technician - Artificial Intelligence, Ontario College Diploma program will provide students the opportunity to learn in-demand skills in the growing field of software development and artificial intelligence.

In the program, students apply skills in the newest technology software. Curriculum details modern software design and Artificial Intelligence (AI) frameworks, machine learning, data visualization, big data fundamentals, natural language processing, image recognition, recommender systems, software bots, digital ethics, and privacy within AI solutions. Students also learn how to design and implement a secure and robust computing environment through the entire Software Development Lifecycle (SDLC).

Engineering for AI and ML platforms and visualization for various data forms and AI and ML tools are also studied in the program curriculum. Additionally, students learn various aspects of data storage, manipulation, and analysis and learn how to communicate the outcomes with technical and non-technical stakeholders.

Employment Opportunities

Graduates of the program may work as junior developers on software projects that involve intelligent use of data, such as data analytics, big data, machine learning, natural language processing, recommendation systems, image recognition, and more in a variety of private and public areas. Some of these areas include finance, health, transportation, multimedia, insurance, telecommunications, large retail, and tech start-ups.

Admission Requirements

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

- Grade 12 English
- Grade 11 or 12 Mathematics

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$8,210.00 |
| TERM 2 | \$7,550.00 |
| TERM 3 | \$8,210.00 |
| TERM 4 | \$7,550.00 |
| TOTAL | \$31,520.00 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Term 1

| | |
|----------|-----------------------------------|
| MTH-1163 | General Mathematics I |
| AML-1214 | Python Programming |
| CSD-1133 | Problem Solving and Program Logic |
| COM-1113 | Workplace Communication |
| ITP-1143 | Operation Systems Foundations |
| GED-XXX3 | General Education Elective |

Term 2

| | |
|----------|---|
| AML-1413 | Introduction to Artificial Intelligence |
| AML-1114 | Data Science and Machine Learning |
| CBD-2303 | Database Design |
| CBD-2214 | Big Data Fundamentals - Data Storage Networking |

| | |
|----------|---------------------------------|
| AML-2203 | Advanced Python AI and ML Tools |
| GED-XXX3 | General Education Elective |

Term 3

| | |
|----------|--|
| CBD-2204 | Big Data Strategies |
| ITP-2123 | Server Admin I |
| MAD-3463 | Programming Java |
| CBD-3335 | Data Mining and Analysis |
| AML-3304 | Software Tools and Emerging Technologies for AI and ML |
| GED-XXX3 | General Education Elective |

Term 4

| | |
|----------|------------------------------------|
| CBD-2234 | Introduction to Cloud Computing |
| CBD-3314 | Enterprise Middleware |
| AML-3204 | Social Media Analytics |
| CBD-3423 | Introduction to Project Management |
| AML-2103 | Visualization for AI and ML |
| AML-2404 | AI and ML Lab |

Tourism – Operations Management



MISSISSAUGA

SARNIA

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. Some of the 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, and Retail.

Admission Requirements

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

- Grade 12 English

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$8,390.00 |
| TERM 2 | \$7,565.00 |
| TERM 3 | \$8,210.00 |
| TERM 4 | \$900.00 |
| TOTAL | \$25,065.00 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Term 1

| | |
|----------|------------------------------|
| HCL-1003 | Tourism Foundations |
| HCL-1204 | Leadership Development |
| HCL-1303 | Tourism Technology |
| HCL-1403 | Food and Beverage Operations |
| HCL-1501 | Industry Certifications |
| COM-3013 | Professional Communications |
| CPP-1001 | Co-op Preparation |

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 |

Term 3

| | |
|----------|----------------------------------|
| 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 |

Term 4

| | |
|----------|-----------|
| CPL-1049 | Work Term |
|----------|-----------|

Welding Techniques



SARNIA

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

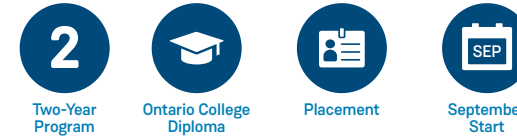
IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | |
|--------------|--------------------|
| TERM 1 | \$7,224.65 |
| TERM 2 | \$6,487.37 |
| TOTAL | \$13,712.02 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Workplace Safety & Prevention



SARNIA

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
- Grade 12 Chemistry
- or -
- Grade 12 Biology (both recommended, only one is required)

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

| | | | |
|--------|------------|--------------|--------------------|
| TERM 1 | \$7,224.65 | TERM 3 | \$7,147.37 |
| TERM 2 | \$6,487.37 | TERM 4 | \$6,487.37 |
| | | TOTAL | \$27,346.76 |

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international.

Term 1

| | |
|----------|------------------------------------|
| 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 |

Term 2

| | |
|----------|--------------------------------------|
| 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 |

Term 1

| | |
|----------|--------------------------------|
| 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) |
|-----------|-----------------------------|

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 |

🏠 Living on Campus in Sarnia

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

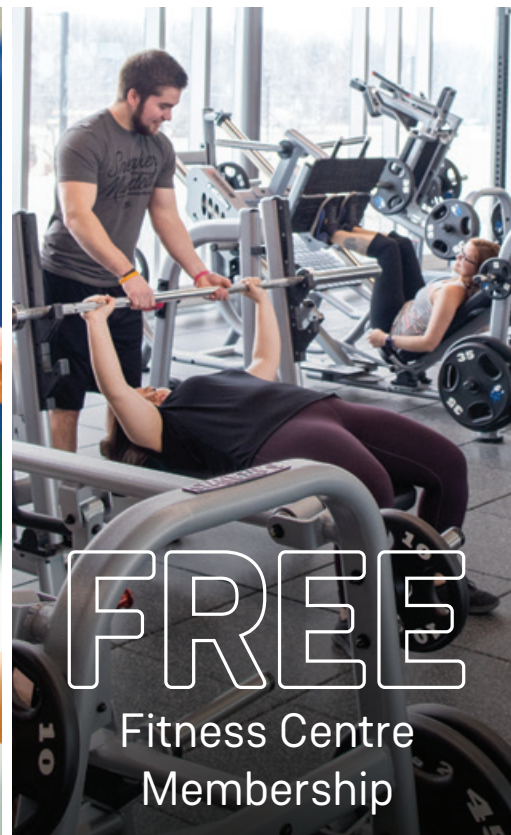


This is a sample room layout only. There are three different room layouts. *Actual residence room layout may differ.*

» lambtoncollege.ca/residence

Athletics in Sarnia

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 to learn how you can get involved in Athletics & Recreation at Lambton College.

Student Employment



Internship



Co-op



Placement

A wide variety of student employment opportunities are offered on and off campus. Co-op positions can be completed locally, provincially and nationally. Gaining Canadian work experience prior to graduation is an important factor in a student's ability to find meaningful post graduate employment.

“ I started my career in Sarnia, then after my co-op I moved to Toronto. Right now I am working as a Production Coordinator at LMX Packaging. Just because I started my studies in Sarnia doesn't mean I can't go anywhere – the whole country was open to me. It's up to you where you want to go. ”

Yashvi Shah
Graduate
Business Management – International Business

Benefits of working during your education »



Income Towards
Student Fees



Making Connections and
Meeting New People



Easier to Become Immersed
in Canadian Culture



Work Experience

“ I am working as an IT Support Analyst at TD Bank. Getting a co-op was the best thing that ever happened to me in Canada. My co-op employer was so happy with me they gave me part-time and then they shifted me from part-time to full-time. I have been working at TD for about three years now. Dig inside and see and take a risk. ”

Sakshi Sayal
Graduate
Cyber Security & Computer Forensics

Medical Insurance



Medical Insurance Coverage

All registered international students at Lambton College are covered by an emergency health insurance plan offered through guard.me. This insurance is mandatory for all international students and is included in your fees.

Your coverage begins on the first day of the month in which you are starting classes. If your arrival date is prior to the start of the first month in which you are starting classes, it is strongly recommended that you purchase additional health insurance coverage to cover yourself until your Guard.me insurance coverage begins.

Coverage does not include over-the-counter medication. Coverage is for registered students of Lambton College only. This coverage does not extend to spouses or children. If you have a spouse or any dependents travelling with you, you may wish to pay a supplemental fee to include them in your coverage.

- » The Guardme insurance policy does not, nor is it intended to, replace the coverage under OHIP (Ontario Health Insurance Plan), for yourself or any member of your family. The health care insurance is for emergency health care coverage during one's study period and involves only a basic package that is subject to change on an annual basis. It is important to emphasize that not all conditions are covered and prospective international students are strongly urged to review their coverage details prior to arriving in Canada as this will allow time to purchase additional coverage before departure, if needed.

For more information, please visit:

Sarnia Campus ▶ guard.me/lambtonc

Toronto Campus ▶ guard.me/cestarcollege

Mississauga Campus ▶ guard.me/lcm





Lambton College

International Education



- » lambtoncollege.ca/international
- » international@lambtoncollege.ca



Lambton College in Sarnia

1457 London Rd
Sarnia, ON N7S 6K4

Lambton in Mississauga at Queen's College

121 Brunel Road
Mississauga, ON L4Z 3E9

Lambton in Toronto at Cestar College

400-265 Yorkland Blvd
Toronto, ON M2J 1S5