



Lambton
College

International
Education



CHANGE EVERYTHING

Post-Graduate Guide >> 2021 - 2022



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Program Information

New Program ★ | Campus Location ▶ M Mississauga S Sarnia T Toronto

Business Management

- S 15 Agri-Business Management ★
- S T 19 Business Management
- S M T 20 Business Management – Human Resources
- S M 21 Business Management – International Business
- S 31 eSports Management
- S 32 Facilities & Property Management ★

Hospitality, Tourism & Culinary

- S 22 Canadian Culinary Operations
- S 35 Hospitality Management
- M 36 Hotel & Resort Management

Marketing & Finance

- S T 33 Financial Planning & Wealth Management
- T 39 Marketing Management – Digital Media
- T 40 Marketing Management – Professional Sales

Project & Supply Management

- M T 13 Advanced Project Management – Information Technology ★
- S M T 14 Advanced Project Management & Strategic Leadership
- T 27 Construction Project Management
- M T 44 Supply Chain Management

Information Technology

- T 17 Artificial Intelligence & Machine Learning
- M 18 Big Data Analysis
- T 25 Cloud Computing for Big Data
- S M T 26 Computer Software & Database Development
- S 28 Cyber Infrastructure Specialist
- M 29 Cyber Security & Computer Forensics
- T 41 Mobile Application Design & Development
- M 45 Wireless Networking

Health & Safety

- T 11 Advanced Health Care Leadership
- S M 38 Interprofessional Practice – Gerontology ★
- S T 42 Occupational Health & Safety Management

Engineering & Sciences

- S 16 Applied Process Piping Design
- T 23 Chemical Laboratory Analysis
- S 24 Chemical Production & Power Engineering Technology – Accelerated
- T 34 Food Safety & Quality Assurance
- S 37 Instrumentation & Control Engineering Technology – Accelerated
- S T 43 Quality Engineering Management

Education, Design & Creativity

- S 12 Advanced Photography
- S M 30 eLearning Design & Training Development



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.



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.



Applied Research at Lambton College

According to Research Infosource Inc., which released its annual list of Canada's Top 50 Research Colleges last year, Lambton College is now ranked as the #3 Research College in Canada.

These national findings are based on data obtained through a survey of publicly-funded colleges and from financial statements, which include funding received from both internal and external sources to the organizations. Lambton College is the only college in Canada which has been ranked among the top three Canadian research colleges for the past four years straight, including a #1 ranking in 2018.

"To consistently be ranked as one of the best research colleges in the Country is a huge honour for Lambton College, and truly reflective of the incredible efforts of the researchers, faculty, students and staff involved with our many projects," said Judith Morris, President & CEO, Lambton College. "It takes vision and purpose to continue to grow and innovate, and this year's ranking reinforces our commitment to collaborate on new projects with our partners and provides experiential learning opportunities for our students to work with Canada-wide industrial partners, where they gain advanced and practical expertise."

"Our new world-class facilities have provided opportunities for us to expand our areas of research to new sectors including Advanced Biotechnology, Natural Health Products and Artificial Intelligence," said Dr. Mehdi Sheikhzadeh, Executive Dean, Research & Innovation at Lambton College. "Research & Innovation at Lambton looks forward to continuing to support our region, province and country through research and development in response to the continuously evolving needs of industry."

Lambton College's Research and Innovation Department was formed in 2007. Since then, the College has received close to \$38.5 million in funding from federal and provincial agencies.

Last year, Lambton College executed 216 projects in collaboration with 164 partners. These projects were carried out by 142 researchers and 190 students in Sarnia and the Greater Toronto Area. Hanna Eroglu, the Associate Dean of International Education says "she is particularly proud that many of our international students from Brazil, Nigeria, India and several other countries are consistently involved in these paid research opportunities as a result of Lambton's leadership in applied research".



Our Programs

See all the post-graduate programs we offer at our three campuses.



Advanced Health Care Leadership

2

Two-Year Program

Ontario College Graduate Certificate

September Start

January Start

May Start

TORONTO

The Advanced Health Care Leadership Ontario College Graduate Certificate program prepares graduates for emerging leadership roles within health care settings.

Students will be able to integrate patient and family care theories into current practices which are responsive for a variety of cultures, behaviours, situations and environments. Core concepts of leadership, quality and improvements to patient safety are explored to achieve enhanced patient outcomes. Students will apply professional leadership concepts as a member of a multi-disciplinary health care team in an organization.

This Lambton College program is licensed to and delivered by Cestar College, 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 of the program will gain enhanced leadership knowledge, skill and vision to apply to the health care system.

This program does not meet the preparatory requirements or the eligibility criteria to write the registration exams to qualify as a registered practical nurse or registered nurse with the College of Nurses of Ontario. Please visit the College of Nurses of Ontario to learn more about how to become a Registered Nurse (RN) or Registered Practical Nurse (RPN) in Ontario. The college will not provide evidence of language proficiency and students must write the accepted language proficiency tests as set out by the CNO.

For more information about post-graduate work eligibility for international students, please review the Post-Graduate Work Permit Program information.

Admission Requirements

A university degree in a health care field.

This program is not suitable for students with a dentistry or pharmacy background.

IELTS of 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,500.00
TERM 2	\$7,550.00
TERM 3	\$8,210.00
TERM 4	\$3,480.00
TOTAL	\$27,740.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international. Please visit the website for more information on equipment requirements.

- Term 1**
- LHC-1074 Patient and Family Centered Care
- LHC-1083 Patient Safety
- LHC-1033 Leadership in Health Care
- LHC-1053 Professionalism and Healthcare
- LHC-1093 Evidence Based Practice
- Term 2**
- LHC-2094 Cultural Competence for Health Care Providers
- LHC-2104 Health Care Leadership Lab
- LHC-2043 Leadership in Primary Health Care
- LHC-1062 Health Services Information and Technology
- LHC-3053 Strategic Planning in Health Care
- JSS-1001 Job Search and Success
- Term 3**
- LHC-4023 Human Resources and Performance Management
- LHC-3023 Leadership Communication, Collaboration and Relationships
- LHC-4033 Financial Management
- LHC-4053 Health Care Reform: Managing Effectively in a Changing Environment
- MAN-2103 Project Management
- Term 4**
- CPL-5559 WIL Project

Advanced Photography



SARNIA

Today's successful photographers know more than just their cameras - they're ready to design, edit, market, connect, write and sell.

The Lambton College Advanced Photography program is a two-year, Ontario College graduate certificate program that provides students with the opportunity to expand their skills to work as professionals in the ever-evolving field of photography. Student learn advanced photography and post-production skills, as well as, learn how to utilize drones for professional photographic images.

Our students prepare for this fast-paced and 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.

In today's Canadian photography industry, entrepreneurial spirit along with working with clients is paramount. As such, the curriculum covers a broad range of topics, including design and composition, digital darkroom, web and social media fundamentals and full, robust portfolio development. At the core of the 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 as a group, using professional quality equipment.

Employment Opportunities

Our graduates pursue a variety of employment opportunities as travel, sports, portrait, photojournalism, wedding and fashion photographers. They can also work in the areas of photo manipulation or as restoration artists or multi-media professionals.

Careers exist in commercial, corporate, private or 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

A college diploma or university degree.

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	\$2,000.00
TOTAL	\$22,859.39

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. For more information visit lambtoncollege.ca/international. Please visit the website for more information on equipment requirements.

Advanced Project Management - Information Technology



MISSISSAUGA **TORONTO**

The Lambton College Advanced Project Management - Information Technology, Ontario College Graduate Certificate provides students with highly marketable skills in IT service and project management. This program includes all 10 project management knowledge areas based on the PMI® A Guide to the Project Management Body of Knowledge (PMBOK® Guide) - Sixth Edition, Project Management Institute, Inc., 2020.

Students apply skills in initiating, planning, executing, monitoring, and controlling and closing to a wide range of projects. In addition, students expand their IT service management skills by understanding the integrations between IT operations and project management and through collaborative team projects. Use of agile and waterfall project management software tools will enable students to meet the challenging demands of this complex field.

Please Note: Lambton College is a Project Management Institute (PMI®) Registered Education Provider (R.E.P.®).

Employment Opportunities

Career positions may include, but are not limited to:

- administrative officer
- administrative services co-ordinator
- co-ordinator, office services
- forms management officer
- liaison officer
- office manager
- planning officer
- surplus assets officer
- office administrator

Admission Requirements

Ontario College diploma, Ontario College Advanced diploma, degree or equivalent.

IELTS of 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,425.76
TERM 2	\$7,639.57
TERM 3	\$8,426.08
TERM 4	\$900.00
TOTAL	\$25,391.41

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

EPM-1113	Project Management: Overview and Context
EPM-1123	Initiating the Project
COM-3013	Professional Communications
EPM-1133	Identifying Project Requirements: Scope and Quality Management
EPM-2243	IT Project Management Fundamentals: A Canadian Perspective
EPM-1173	MS Project and Data Analytics

Term 2

EPM-1163	Managing Project Uncertainty: Risk and Procurement Management
EPM-2173	Executing the Project
EPM-4443	ITIL Foundations and Training
EPM-4453	DevOps Fundamentals
EPM-2183	Project Leadership: Managing the Project Team
EPM-2193	Monitoring and Controlling Project Requirements
CPP-1001	Co-op Preparation

Term 3

EPM-2113	Project Closures: Introduction to Agile Methodologies
EPM-2103	Project Health and Change Management
EPM-4463	SDLC Methodology
EPM-1183	Professional Practices and Ethics
EPM-2133	Agile: Scrum and Other Methodologies
EPM-2143	Project Management Simulation for I.T.

Term 4

CPL-1049	Co-op Term
- OR -	
CPL-5559	WIL Project

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

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

Advanced Project Management & Strategic Leadership



MISSISSAUGA SARNIA TORONTO

In the current business environment, professionals have much more responsibility. Today, they are leaders and managers. Indeed, one of the major challenges they face is managing complex projects that are critical to their business organizations.

In the first year of the Advanced Project Management & Strategic Leadership program, students will gain skills in project management and business leadership. The program includes all 10 project management knowledge areas based on the PMI® A Guide to the Project Management Body of Knowledge (PMBOK® Guide) - Sixth Edition, Project Management Institute, Inc., 2017.

During the second year of the program, studies go beyond the mechanics of the project and explore the dynamics of managing relationships. The scope of the third term includes stakeholder, client and executive relationship management, organizational culture and cultural pluralism and leading the project team in the project environment. Lastly, in the full-time work term or applied project students gain experience in a project-based work environment.

This program requires students to purchase a mandatory eBook and courseware fees. This fee will be applied to your student account in the first and second term. This program requires students to bring their own technological devices. See device requirements.

Employment Opportunities

Project Management Professionals serve as strategic liaisons between the business and technological functions of an organization. Project managers integrate business processes and complex technologies while serving as consultants, designers, leaders and/or implementers of new solutions that assist an organization in achieving their business goals.

Employment opportunities may include: project manager, project control analyst, project analyst, business analyst, project schedule analyst, project control officer, project coordinator, director, and business systems analyst.

For information about post-graduate work eligibility for international students, please review the Post-Graduate Work Permit Program information.

Admission Requirements

A college diploma or university degree.

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$8,400.00
TERM 1	\$7,620.00
TERM 3	\$8,400.00
TERM 4	\$900.00
TOTAL	\$25,320.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Agri-Business Management



SARNIA

With an ever increasing need for agricultural business employment, the Lambton College Agri-Business Management, Ontario College Graduate Certificate program is designed for students who wish to enter a career in the agricultural sector at the supervisory level, or to manage relationships in an agri-business environment typical of a sales or other agricultural services role.

In this multi-disciplined program, students utilize existing related education or experience to learn and apply a variety of skills to help operate and manage an agricultural business. Students develop a foundation of business skills, including communications, accounting, human resources, relationship managing and marketing strategies that apply to the Canadian agricultural industry of today. With the rapid adoption of agricultural technology, students study the impact of this technology on farm operations, as well as on other applications, from software to farm machinery.

To round out the learning, students study environmental farm management to gain a deeper understanding of the production of food, feed, and fuel as well as livestock physiology and health, pest control management and new and emerging agri-business technology. This hands-on program will include a real-world course on farm machinery to provide a robust understanding on farm equipment operations and safety.

Employment Opportunities

Career positions may include, but are not limited to:

- agricultural consultant
- agricultural extension supervisor
- agricultural livestock specialist
- agriculturist
- agrologist
- agronomist
- crop specialist
- farm management consultant

Admission Requirements

A college diploma or university degree in Business, Science, Agriculture, or equivalent.

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$8,841.52
TERM 2	\$8,104.24
TERM 3	\$8,841.52
TERM 4	\$0.00
TOTAL	\$25,787.28

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

EPM-1113	Project Management: Overview and Context
EPM-1123	Initiating the Project
COM-3013	Professional Communications
EPM-1133	Identifying Project Requirements: Scope and Quality
EPM-1143	Project Resource Planning: Resource Management
EPM-1173	MS Project and Data Analysis

Term 2

EPM-1163	Managing Project Uncertainty: Risk and Procurement Management
EPM-2173	Executing the Project
EPM-4213	Understanding People and Relationships
EPM-4333	Leadership and Strategy
EPM-2183	Project Leadership: Managing the Project Team
EPM-2193	Monitoring and Controlling Project Requirements
CPP-1001	Co-op Preparation

Term 3

EPM-2113	Project Closures Introduction to Agile Methodologies
EPM-2103	Project Health and Change Management
EPM-4343	Building Relationships
EPM-1183	Professional Practice and Ethics
EPM-2133	Agile - Scrum and Other Methodologies
EPM-2123	Project Management Simulation

Term 4

CPL-1049	Work Term - Full-Time*
- OR -	
CPL-5559	WIL Project

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

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

Term 1

COM-3012	Professional Communications
MKT-1143	Marketing Fundamentals
AGO-1003	Canadian Agri-Business Fundamentals
MEC-1502	Canadian Workplace Health and Safety
BUS-1234	Business Applications
ACC-1093	Accounting Concepts I

Term 2

MKT-3403	Selling
MKT-1103	Social Media Marketing
AGO-2002	Agricultural Machinery and Farm Safety
AGO-2012	Introduction to Canadian Agricultural Law
AGO-2033	Introduction to Canadian Field Crops
FSQ-1013	Food Processing in Canada
CPP-1001	Co-op Preparation

Term 3

AGO-3003	Canadian Greenhouse Production
AGO-3013	Introduction to Canadian Livestock Operations
AGO-3033	Introductory Pest and Weed Control Management
AGO-3022	Farm Biosecurity in Canada
AGO-3053	Canadian Vegetable and Fruit Production Management
SCU-1603	Fundamentals of Entrepreneurship

Term 4

AGO-4001	Farm Machinery Operation
CPL-1049	Co-op Work Term
- OR -	
CPL-5559	WIL Project

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

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

Applied Process Piping Design



SARNIA

The Applied Process Piping Design, Ontario Graduate Certificate program is designed to equip students with the specialized and highly practical skills involving the fundamentals of piping system components, specifications, regulations, and applications. This innovative curriculum will delve into the engineering of complex process facilities, including plant layout planning, piping equipment, design, and related standards.

Students will assess the responsibilities of a piping designer, and determine specific roles that are carried out in an entire piping design project. Additionally, students will have an opportunity to integrate piping design principles and industry codes that will align with engineering practices through hands-on labs.

Successful graduates will be in high demand and may find employment as a member of an engineering team in various sectors including environmental, mineral mining, and process and power facilities. Typical roles for graduates include Process Piping Designer, Piping Design Field Checker, Scheduler, Planner and Estimator.

Employment Opportunities

Graduates may be employed by research and development and quality control laboratories, consulting engineering companies, in chemical, petrochemical, pharmaceutical and a variety of other manufacturing and processing industries, and by utilities, health, education, and government establishments. Career positions may include, but are not limited to:

- Piping engineer
- Process piping designer
- Piping design field checker
- Mechanical designer

Admission Requirements

A college diploma or university degree in Engineering, Technology, or equivalent.

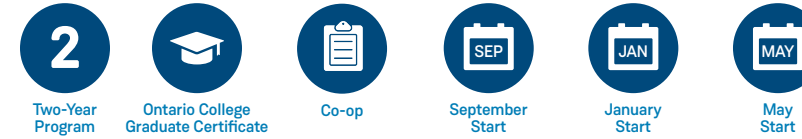
IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$8,293.40
TERM 2	\$7,561.79
TERM 3	\$8,221.79
TERM 4	\$2,000.00
TOTAL	\$26,076.98

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

Artificial Intelligence & Machine Learning



TORONTO

The Lambton College Artificial Intelligence and Machine Learning, Ontario College Graduate Certificate provides comprehensive knowledge, skills, and training in the utilization of Artificial Intelligence (AI) and Machine Learning (ML) to solve significant business problems such as advanced trend analysis, generating business intelligence, digital automation, and intelligent manufacturing. As artificial intelligence (AI) continues to rapidly transform the way organizations and people work, businesses continue to have great demand for a variety of skill sets and disciplines to create new workflows within manufacturing and industry. The shortage of skilled professionals remains the single most significant challenge facing AI and ML adoption by businesses.

Program curriculum includes development of AI and ML models to identify patterns, provide insights, recommend actions or perform tasks. Students design and apply AI and ML systems that will take into account an organization's manufacturing and automation needs. As team communication in AI and ML is essential for organizational success, students learn applied project management skills, in addition to reporting communications and recommendations for various audiences, stakeholders and purposes.

Employment Opportunities

Graduates will have the in-demand skills to operate at entry and intermediate roles on an AI and ML project in a variety of industries and occupational areas, including but not limited to technology implementation, business transformation, management and consulting.

Career positions may include, but are not limited to:

- Business Intelligence Designer
- Robotics Process Analyst
- AI Interaction Designer
- Artificial Intelligence Technologist
- Machine Learning Analyst
- Machine Learning Technologist
- AI System Developer
- Business Transformation Consultant

Admission Requirements

A university degree, college diploma or advanced diploma

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,710.00
TERM 2	\$8,050.00
TERM 3	\$8,710.00
TERM 4	\$900.00
TOTAL	\$26,370.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

- AML-1104 Data Science and Machine Learning in Canada
- AML-1204 Python Programming in Canada
- CBD-2214 Big Data Fundamental Data Storage Networking
- AML-1301 Careers in Artificial Intelligence and Machine Learning
- COM-3013 Professional Communications
- AML-1403 Artificial Intelligence - A Canadian Perspective

Term 2

- AML-2103 Data Visualization for AI and ML
- AML-2203 Advanced Python - AI and ML Tools
- CBD-3335 Data Mining and Analysis
- AML-2304 Natural Language Processing
- AML-2404 AI and ML Lab

Term 3

- AML-3104 Neural Networks and Deep Learning
- AML-3204 Social Media Analytics
- AML-3304 Software Tools and Emerging Technologies for AI and ML
- AML-3406 AI and ML Capstone Project

Term 4

- CPL-1049 Work Term - Full-Time
- OR -
- CPL-5559 WIL Project

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

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

Big Data Analytics



MISSISSAUGA

Developing new ways to interpret large amounts of information collected through web sites, transactions, records, and images can help provide solutions to many business, social, society, and technological challenges of today. Big data enables users to make informed decisions and better predict future outcomes.

The Lambton College Big Data Analytics, Ontario College Graduate Certificate is focused on utilizing big data technology for unstructured data to help guide executive, management, and industry decision-making.

The innovative curriculum will focus on topics such as information administration, development, project management, and business communications. In combination with Business Intelligence tools, data analytics, and cloud computing, students will blend theoretical knowledge with hands-on skills to learn how to capture, collect, curate, search, analyze and store complex data sets that are utilized by organizations to guide business decisions. The final semester will enhance all learning outcomes through a co-operative education work term or applied project.

In addition to a full range of enhanced virtualization deployment skills, data analytics, cloud computing theory, project management and business communications students will apply these skills to a variety of cutting-edge open-source and vendor-specific virtualization solutions.

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.

Employment Opportunities

Graduates of the program may be employed in roles such as Data Analyst, Analytics Specialist, Business Analytic Specialist, Project Manager or related fields.

Career positions may include, but are not limited to: Analytics Visualization Analyst, Applications Developer, Big Data Administrator, Big Data Applications Developer, Big Data Architect, Big Data Analytics Developer, Big Data Developer (Hadoop, Sparks, R, Java, Python), Big Data Hardware Engineer, Big Data Security/Threats Analyst, Business Analyst, Business Intelligence Analyst, Business Analytics Specialist, Cloud Systems Administrator, Compliance Analyst, Database Administrator, Data Analyst, Data Hardware Engineer, Data Insights Analyst, Data Networking Analyst, Data Networking Engineer, Data Reporting Analyst, Data Scientist, Identity Access Analyst, Information Analyst, Marketing Analytics Analyst, Marketing Intelligence Analyst, Network Manager, Operations Analytics Analyst.

Admission Requirements

A university degree or college diploma or advanced diploma in computers, mathematics, engineering, statistics or related discipline.

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,710.00	TERM 3	\$8,710.00
TERM 2	\$8,050.00	TERM 4	\$900.00
		TOTAL	\$26,370.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Business Management



SARNIA TORONTO

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

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

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

This Lambton College program is licensed to and delivered by Cestar College, 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 will be prepared to work in numerous business sectors, from entry-level work to movement into management. Depending on the unique qualifications of the graduates, these could include employment in Canadian and international locations in the areas of manufacturing, market research, retail, logistics, banking, insurance, and sales. Some graduates may opt to become entrepreneurs and develop their own business.

Admission Requirements

A college diploma or university degree.

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$8,500.00
TERM 2	\$7,735.00
TERM 3	\$8,210.00
TERM 4	\$900.00
TOTAL	\$25,345.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

- BDM-1003 Big Data Tools
- BDM-1213 Data Encoding Principles and Collection Methods
- BDM-1024 Data Technology Solutions
- BDM-1043 Big Data Fundamentals
- AML-1214 Python Programming
- BDM-3014 Introduction to Artificial Intelligence

Term 2

- BDM-1034 Application Design for Big Data
- AML-2304 Natural Language Processing
- AML-2203 Advanced Python AI and ML Tools
- BDM-2053 Big Data Algorithms and Statistics
- BDM-2203 Big Data Visualization for Business Communication
- CPP-1001 Co-op Preparation

Term 3

- BDM-3023 Project Management for Analytics
- BDM-3203 Hadoop Ecosystems for Big Data Infonomics
- BDM-3053 Neural Networks and Deep Learning
- AML-3104 Big Data Capstone Project

Term 4

- CPL-1049 Co-op Work Term
- OR -
- CPL-5559 WIL Project

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

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

Term 1

- MAN-1103 Human Resource Management
- MKT - 6113 Applications of Marketing Concepts
- ACC-1093 Accounting Concepts I
- COM-3013 Professional Communications
- ECO-1503 Principals of Economics
- BUS-1234 Computer Applications for Business

Term 2

- ADR-1003 Alternative Dispute Resolution
- ACC-3403 Computerized Accounting Systems
- BUS-1103 Global Business Principles
- MKT-3353 Integrated Marketing Communications
- MKT-3403 Selling
- LAW-1003 Business Law
- CPP-1001 Co-op Preparation

Term 3

- FIN-1013 Financial Analysis and Budgeting
- MAN-1163 Organizational Behaviour
- MKT-3103 Consumer Behaviour
- MAN-6043 Leadership in Change Management
- MKT-3113 Retailing
- MKT-3213 Business Intelligence I

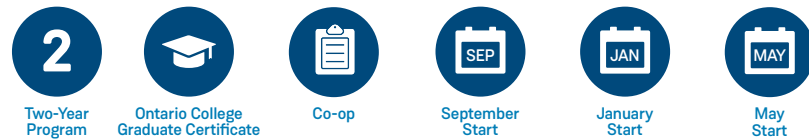
Term 4

- CPL-1049 Co-op Work Term - Full-Time*
- or-
- CPL-5559 WIL Project

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

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

Business Management - Human Resources



MISSISSAUGA SARNIA TORONTO

Are you looking for a program that will enhance your college diploma or university degree by developing strong practical business skills?

The dynamic field of Human Resources is critical in today's competitive environment. Companies now recognize that strong management of their human resources provides a competitive advantage and leads to organizational success. This program is designed to provide university and college graduates with essential business skills and a strong foundation in Human Resources. Students also complete a four-month full-time work term gaining valuable work experience and insight into the Human Resources profession.

In the first term, students complete courses that provide them with the necessary knowledge of all the major business disciplines including marketing, accounting and technology. In subsequent terms, students complete all of the courses necessary to write the Comprehensive Knowledge Exam which is required to obtain the Certified Human Resources Professional (CHRP) designation hrpa.ca at an additional fee.

The program provides students with exposure to all areas of the Human Resources field. Students benefit from small class sizes, hands-on active learning and faculty with diverse experience in all facets of Human Resources. Partnership with the local chapter of the Human Resources Professional Association gives students an opportunity to develop their networking skills and learn about working in the profession.

Employment Opportunities

Program graduates can work in a broad range of domestic and international employment roles, including recruiters, compensation analysts, pension and benefits assistants, health and safety assistants, employment equity officers, training and development assistants, labour relations assistants and other entry-level positions in the human resources field.

Admission Requirements

A college diploma or university degree.

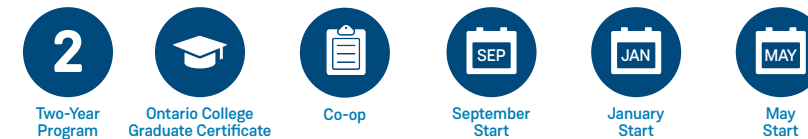
IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$8,500.00
TERM 2	\$7,550.00
TERM 3	\$8,210.00
TERM 4	\$900.00
TOTAL	\$25,160.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Business Management - International Business



MISSISSAUGA SARNIA

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

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

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

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

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.

Employment Opportunities

Graduates can work in a broad range of domestic and international employment sectors including, manufacturing, market research, education, retail, insurance, freight forwarding, brokerage houses, banks, financial institutions, consulting firms and international business.

Admission Requirements

A college diploma or university degree.

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$8,210.00
TERM 2	\$7,616.00
TERM 3	\$8,276.00
TERM 4	\$900.00
TOTAL	\$25,002.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

MAN-1103	Human Resource Management
ACC-1093	Accounting Concepts I
MKT-6113	Applications of Marketing Concepts
ECO-1503	Principles of Economics
BUS-1234	Computer Applications for Business
COM-3013	Professional Communications

Term 2

POD-2004	Total Rewards
POD-2103	Talent Acquisition
POD-2204	Learning and Development
HRM-3103	Employment Law
MAN-6043	Leadership in Change Management
POD-2403	Workforce Management
CPP-1001	Co-op Preparation

Term 3

FIN-1013	Financial Analysis & Budgeting
MAN-1163	Organizational Behaviour
ACC-3154	Accounting and Finance
HRM-3603	Human Resource Planning
OHS-1023	Occupational Health and Safety
POD-3103	Labour Relations Practicum

Term 4

CPL-1049	Work Term - Full-Time
- OR -	
CPL-5559	WIL Project

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

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

Term 1

MAN-1103	Human Resource Management
ACC-1093	Accounting Concepts I
MKT - 6113	Applications of Marketing Concepts
ECO-1503	Principles of Economics
BUS-1234	Computer Applications for Business
COM-3013	English Essentials

Term 2

FIN-1013	Financial Analysis and Budgeting
MAN-6043	Leadership in Change Management
INT-1113	Feasibility of International Trade
INT-1123	Global Value Chain
INT-3153	International Sales and Marketing
CFF-2013	International Transportation and Trade (ITT)
CPP-1001	Co-op Preparation

Term 3

MAN-1163	Organizational Behaviour
INT-3133	International Market Entry Strategies
INT-3143	Development of Products and Services for an International Market
FIN-3163	International Trade Finance
CFF-3023	Introduction to Freight Forwarding
INT-4202	Field Study Project

Term 4

CPL-1049	Work Term - Full-Time*
- OR -	
CPL-5559	Applied Project

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

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

Canadian Culinary Operations



SARNIA

The Lambton College Canadian Culinary Operations, Ontario College Graduate Certificate is a two-year program that introduces students to the traditional as well as the unique practices of Canadian-inspired culinary dishes. Students experience all facets of the Canadian food industry where trends and dining culture are constantly evolving.

Program curriculum reflects the demanding knowledge and skills required of a successful culinary professional who must constantly adapt to all Canadian 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 in various Canadian environments. Specific 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. Students work in accordance with relevant industry, organization and legal standards and regulations, as well as Canadian industry best practices for health, safety, sanitation, quality assurance and customer service.

The professional focus and high standards of the Canadian Culinary Operations program serves graduates well when it comes time to begin their careers. Program graduates may perform effectively as members of food and beverage service teams in Canadian establishments. 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 may find fulfillment in entrepreneurial opportunities.

Employment Opportunities

The professional focus and high standards of the Canadian Culinary Operations, Ontario College Graduate Certificate will serve 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

A college diploma or university degree.

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$7,890.65
TERM 2	\$7,153.37
TERM 3	\$7,153.37
TERM 4	\$660.00
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.

Chemical Laboratory Analysis



TORONTO

This Ontario College Graduate Certificate program focuses on chemical and environment laboratory analysis and provides career opportunities in laboratory-related occupations in a multitude of different industries and sectors.

The program curriculum combines elements from industrial analytical chemistry and environmental testing while at the same time equipping students with the skills to design, implement, maintain and improve a quality management industrial laboratory. Courses will place emphasis on a combination of technical and management skills in quality control and assurance, data analysis, and instrumentation control and usage.

Students with existing university undergraduate education in chemistry, biology, environmental engineering or pharmacy have the opportunity to utilize their previous theoretical learning to an applied, practical industrial laboratory and research-related setting following national and international standards.

This Lambton College program is licensed to and delivered by Cestar College, 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

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

Admission Requirements

A university degree in Science, Pharmacy or Engineering with appropriate preparation in Math and Chemistry.

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,950.00
TERM 2	\$8,050.00
TERM 3	\$8,710.00
TERM 4	\$3,480.00
TOTAL	\$29,190.00

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

Term 1

LAQ-1004	Analytical Chemistry
LAQ-1104	Normative Standards I
LAQ-1206	Laboratory I
MTH-1703	Laboratory Mathematics I

Term 2

LAQ-2004	Analytical Chemistry II
LAQ-2104	Normative Standards II
LAQ-2206	Laboratory II
MTH-2703	Laboratory Mathematics II

Term 3

LAQ-3003	Laboratory Analyzer
LAQ-3103	Laboratory Standards III - ISO 17025
LAQ-3206	Laboratory III
MTH-3703	Laboratory Mathematics III
PHL-1253	Leadership and Critical Decision Making

Term 4

LAQ-4004	Analytical Techniques IV
LAQ-4103	Laboratory Standards IV - ISO 14000
LAQ-4203	Laboratory IV
QEM-3104	Sigma Process Improvement Techniques
JSS-1001	Job Search and Success
LAQ-4403	Capstone Project Analytical Research

Chemical Production & Power Engineering Technology - Accelerated



SARNIA

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

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

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

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

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

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

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

Employment Opportunities

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

Admission Requirements

A college diploma or university degree in Engineering, Science, or Chemistry.

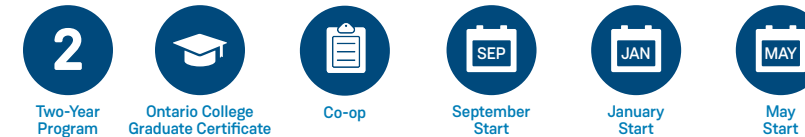
IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$8,747.41
TERM 2	\$8,010.12
TERM 3	\$0.00
TERM 4	\$8,670.13
TERM 5	\$8,010.13
TERM 6	\$0.00
TOTAL	\$33,437.79

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Cloud Computing for Big Data



TORONTO

Organizations in Canada are undergoing revolutionary changes in the ways they build their business strategies with the advent of increased mobile technology, cloud computing, and data analytics. The Lambton College Cloud Computing for Big Data, Ontario College Graduate Certificate allows students the opportunity to gain an understanding of these cutting edge technologies and applications of cloud computing and its virtualization used in servers, desktops, embedded and mobile devices.

The curriculum will delve into Big Data as a collection of large and complex data sets and the challenges of capture, curation, storage, search, sharing, and visualization. In addition to a full range of enhanced virtualization deployment, cloud computing and Big Data theory, students apply this knowledge to a variety of open-source and vendor-specific virtualization solutions.

To synthesize all student learning outcomes, the co-op work term or applied project provides the components necessary to improve graduate employability competencies. These graduates have the training to fully integrate internet communications and interactions in cloud computing along with the sensitive nature of personal and business data in such positions as cloud systems administrators, systems programmers and network administrators.

Students who have earned a bachelor's degree from their home country as well as graduate from this post-graduate certificate program at Lambton College may transfer credits toward a master degree program at Davenport University. For more information, contact Rachel Buckner at Davenport University.

Please Note: This is not a Big Data Analytics program. It is a cloud computing program that focuses on the infrastructure required to allow for Big Data analysis to occur. Students interested in Big Data Analytics are recommended to consider Big Data Analytics or Artificial Intelligence & Machine Learning.

This Lambton College program is licensed to and delivered by Cestar College, 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

For information about post-graduate work eligibility for international students, please review the Post-Graduate Work Permit Program information at lambtoncollege.ca/CCBT

Admission Requirements

A college diploma or university degree in Engineering/Technology, Information Technology, Computer Science or Electronics

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,710.00
TERM 2	\$8,050.00
TERM 3	\$8,710.00
TERM 4	\$900.00
TOTAL	\$26,370.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

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

Term 2

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

Co-op Term 1 Option 1

CPL-1069	Co-op Work Term (May - August)
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Term 3

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

Term 4

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

Co-op Term 2 Option 2

CPL-1049	Co-op Work Term (May - August)
- OR -	
CPL-1069	Co-op Work Term (May - December)

Term 1

CBD-2303	Database Design
ITP-1134	Networking Foundations
ITP-1143	Operating Systems Foundations
ITP-1233	Virtualization
CBD-2214	Big Data Fundamentals - Data Storage Networking
MAD-3463	Java Development

Term 2

CBD-2204	Big Data Strategies
ITP-2214	Network Routing and Switching
CBD-2234	Introduction to Cloud Computing
ITP-2123	Server Admin I
CPP-1001	Co-op Preparation
MAD-4463	Programming Java II

Term 3

CBD-3314	Enterprise Middleware
CBD-3335	Data Mining and Analysis
CBD-3354	Distributed Systems and Cloud Computing
CBD-3384	Cloud Computing Capstone Project

Term 4

CPL-1049	Co-op Work Term*
- OR -	
CPL-5559	Applied Project

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

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

Computer Software & Database Development



MISSISSAUGA SARNIA TORONTO

The Computer Software & Database Development Ontario College Graduate Certificate Program offers students the opportunity to study the most current trends in website development, 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 (DBMS). Students demonstrate their knowledge and skills by developing solutions to real world three tier (client, server, database) problems.

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

This Lambton College program is licensed to and delivered by Queen's College and Cestar College, licensed private career colleges in Mississauga and Toronto, Ontario. Students that are registered at Lambton in Mississauga and 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 Queen's College campus in Mississauga and the Cestar College campus in Toronto. Students who meet program graduation requirements will graduate with a credential from Lambton College.

Employment Opportunities

Graduates may expect a wide variety of rewarding career opportunities that are dynamic and challenging while offering a competitive rate of compensation. Courses in the program are part of the rapidly emerging technologies that prepare graduates for careers such as computer programmer, software developer, programmer analyst, mobile application developer, information systems specialist, web developer, client/server applications developer and support specialist. Graduates acquire sufficient foundation to advance in a variety of career paths appropriate to their interests and abilities.

Admission Requirements

A college diploma or university degree in Information Technology or Computer Science.

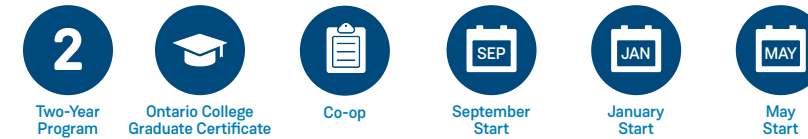
IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$8,800.00	TERM 3	\$8,800.00
TERM 2	\$8,050.00	TERM 4	\$900.00
Total		\$26,550.00	

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Construction Project Management



TORONTO

Construction Management involves managing, estimating, and scheduling of residential, industrial, commercial and institutional construction projects. Talented managers know how to avoid costly delays, control a project's scope and maximize resources and existing budgets.

The first two terms of the two-year Construction Project Management, Ontario College Graduate Certificate includes specific, practical education through a combination of management skills in construction with an emphasis on estimating, scheduling, procurement and cost control, combined with best practices in construction safety, quality management, legal documentation, and contracts. The third term curriculum concentrates on common skills necessary in project management. The final semester solidifies classroom learning through an applied project or co-operative education work term.

Graduates will also gain effective communication skills to work with all levels of personnel in the construction industry. These skills will help prepare them for more responsible jobs in the construction sector.

This Lambton College program is licensed to and delivered by Cestar College, 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

Construction Project Managers specifically may find employment as:

- General Contractor
- Construction Project Manager
- Construction Manager
- Industrial Construction Manager
- Residential Construction Manager
- Self-employed Contractor

Admission Requirements

A college diploma, advanced diploma or university degree in a construction-related field such as architectural technology, construction engineering technology, civil engineering technology, civil engineering or architectural studies.

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,950.00
TERM 2	\$7,550.00
TERM 3	\$8,400.00
TERM 4	\$900.00
TOTAL	\$25,800.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

CON-1003	Construction Methods, Materials and Codes
CON-1013	Construction Job Site Management
ICON-1022	Basic Blueprint Reading and Drafting
CON-1032	Human Resources Project Management
CON-1053	Construction Estimation
EPM-1113	Project Management: Overview and Context
RCT-1102	Construction Safety

Term 2

CON-2013	Construction Job Site Management II
CON-2023	Advanced Blueprint Reading and Drafting
CON-2033	Construction Contracts and Laws
CON-2042	Introduction to Structural Systems
CON-2063	Construction Economics and Financial Analysis
RCT-3213	Computer Applications and Estimating
CPP-1001	Co-op Preparation

Term 3

CON-2124	Construction Project Management: Simulation
EPM-1123	Initiating the Project
EPM-1133	Identifying Project Requirements: Scope and Quality Management
EPM-1163	Project Resource Planning: Time Resources Management
EPM-1143	Project Resource Planning: Resources Management
EPM-1173	Managing Project Uncertainty Risk & Procurement Management

Term 4

CPL-1049	Work Term Full-Time*
- OR -	
CPL-5559	Applied Project

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

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

Cyber Infrastructure Specialist



SARNIA

The Cyber Infrastructure Specialist program is a two-year program where students gain highly marketable technical, business, and life skills in the Information Technology field. The program enables students to become proficient in the practices and techniques used in modern IT environments. Throughout the program, students will gain technical proficiency in Microsoft Operating Systems, Linux Operating Systems, virtualization technologies, server administration, disaster recovery, configuration of networks and network services, and security from a user desktop to enterprise systems.

Students also receive valuable training in several business-related topics such as project management, communication skills, leadership, teamwork, and IT service management. Students bring all these skills together by working on Request for Proposals (RFPs) to provide solutions to common IT projects.

This program creates a unique, stimulating learning environment in which students can safely master current workplace behaviour, resulting in a smooth transition from education to employment. Opportunities are provided to present creative technical solutions to solve typical IT problems. Instructional methodology across all courses integrate discovery - learning techniques, real-life scenarios, and hands-on applications. Students apply their acquired knowledge and skills to industry-based cases, and projects. This is done through several collaborative team projects and a co-op term.

This program prepares students for success when studying to write industry certifications for CompTIA A+ (PC hardware), CompTIA Project+, Windows Operating System, Cisco CCNA, and ITIL. Certification requirements are listed at microsoft.com, PMI.org and comptia.org.

Employment Opportunities

Students graduate with the skills required to enter the computer support field as a network administrator, network technician, security administrator, desktop support technician, computer technician or help desk technician. Depending upon the graduate's background beyond this curriculum, he or she may be ready to accept a position as an entry-level enterprise systems administrator.

Admission Requirements

A college diploma or university degree in Information Technology or Computer Science.

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$8,807.91
TERM 2	\$8,070.63
TERM 3	\$8,730.63
TERM 4	\$0.00
TOTAL	\$25,609.17

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

ITP-1123	PC Repair Fundamentals
CIS-1103	Network Basics
ITP-1143	Operating System Foundations
CIS-1002	Virtualization Basics
ITP-1062	Business Office
CSD-4103	Project Management
COM-3013	Professional Communications

Term 2

CIS-1203	Routing and Switching
CIS-1223	Server Foundations
CIS-1233	Server Enterprise
CIS-1213	Wireless Networking Fundamentals
CIS-1202	Helpdesk Professional
CIS-1212	IT Consulting 1
CPP-1001	Co-op Preparation

Term 3

ITP-3233	Cloud Infrastructure
ITP-3243	Network Scripting for Administrators
CIS-2103	Advanced Infrastructure Security
ITP-1052	ITIL Foundations
CIS-2102	IT Consulting 2
CIS-2113	Business Technologies

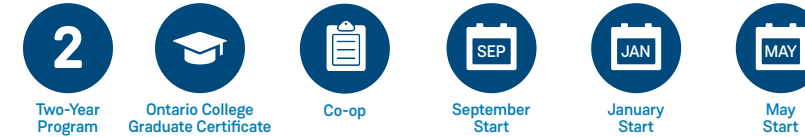
Term 4

CPL-1049	Work Term Full-Time
- OR -	
CPL-5559	WIL Project

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

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

Cyber Security & Computer Forensics



MISSISSAUGA

The Cyber Security and Computer Forensics, Ontario College Graduate Certificate program provides students with key concepts of information security, technical and practical job skills necessary to secure, protect and defend network infrastructures and an organization's valuable data assets.

The curriculum provides for a broad understanding of cyber security concepts, industry best practices for information security and key security concepts that will protect an organization against fraud, data breaches and other vulnerabilities. The program is designed to prepare information and digital security professionals with the ability to manage, provide policies, standards, procedures, guidelines, policy framework, assess and mitigate risk and integrate advanced security solutions.

The growing Internet security sector requires an in-depth understanding of cyber security issues, and fundamental Internet architecture and protocols. In addition, network security skills such as packet, vulnerability, exploit analysis, and cyber security research are also discussed. Graduates will develop highly marketable skills that are required in the burgeoning cyber security field.

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.

Employment Opportunities

In the information security field, there are several roles an information network security administration graduate could hold including: network administrator, systems security analyst, network security analyst, computer security consultant, computer support specialist, systems administrator, computer scientist, database administrator, computer specialist, network systems and data communication analyst and digital forensics investigator.

Graduates who gain several years of specialized work experience may also hold positions as information security managers or network security supervisors.

Admission Requirements

An information technology or computer degree or diploma.

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,710.00
TERM 2	\$8,050.00
TERM 3	\$9,310.00
TERM 4	\$900.00
TOTAL	\$26,970.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

ISN-1003	Principles of Information Security
ISN-1103	Security Policies
ISN-1204	Operating Systems Security - Windows
ISN-1403	Legal and Ethical Issues in IT Security
ISN-1504	Linux, Firewalls and VPN's
ISN-1903	Wireless and Mobile Device Security

Term 2

ISN-1303	Ethical Hacking and Network Defense
ISN-1604	Hacker Techniques, Tools and Incident Handling
ISN-1703	Mobile Application Security Design
ISN-1803	Computer Forensics and Investigation
ISN-2003	Network Security and Penetration Testing
ISN-2104	Capstone Information Security Project

Term 3

ISN-2204	Ethical Hacking and Countermeasures: Attack Phases
ISN-2304	Ethical Hacking and Countermeasures: Threats and Defense Mechanisms
ISN-2404	Ethical Hacking and Countermeasures: Web Applications and Data Servers
ISN-2504	Ethical Hacking and Countermeasures: Secure Network Infrastructures
ISN-2604	Ethical Hacking and Countermeasures: Linux, Macintosh and Mobile Systems
CPP-1001	Co-op Preparation

Term 4

CPL-1049	Work Term - Full-Time*
- OR -	
ALP-5559	Applied Project

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

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

eLearning Design & Training Development



MISSISSAUGA SARNIA

The traditional modes of classroom-based training are rapidly changing due to advancements in learning technology and more innovative media formats. The tech-savvy students and employees of today demand more personal and interactive ways to teach. Educators and industry are seeing the importance of how they teach to better accommodate the emerging generation of digital-age learners.

The eLearning Design & Training Development, Ontario College Graduate Certificate complements the practical skills of educational professionals by adding technology-based, online and mobile learning tools that can be effectively integrated into the learning and teaching environment. Learning management systems of today will be the key to unlocking a better educated student and employee in the future.

As a mobile college, this program aligns with the Lambton College strategic mandate to be a leader in mobile educational technology. The program curriculum will focus on meeting the growing need for highly skilled professional educators to assume leadership roles in program and instructional design, development, evaluation and online facilitation.

Students develop proficiency with industry-standard online learning tools including Articulate Storyline, LMS, Camtasia, Web Conferencing Applications; as well as e-learning, QA and AODA standards.

This program is designed to demonstrate the integration of multiple platform teaching technologies for individuals currently responsible for such roles as professional development within corporations, government and the public sector, as well as for online learning developers. Graduates can expect to develop and expand their knowledge of educational theory using state-of-the-art educational technologies.

Employment Opportunities

Career positions may include, but are not limited to:

- Corporate Training
- eLearning Specialist
- Training Officer
- Curriculum Developer
- Instructional Designer
- Education Consultant

Admission Requirements

A college diploma or university degree in Education, Design, or equivalent.

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,410.00
TERM 2	\$7,750.00
TERM 3	\$8,410.00
TERM 4	\$900.00
TOTAL	\$25,470.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Esports Management



SARNIA

Esports is the term used to describe the emerging global, multi-billion dollar industry of sports competition facilitated by electronic video game systems. In response to the need for highly qualified workers in this field, the Lambton College Esports Management, Ontario College Graduate Certificate is designed to incorporate the competitive gaming world with the business knowledge required by the fast-paced and growing industry of Esports. Designed for college and university graduates, students learn Esports related business skills while developing a strong appreciation of the overall Esports industry. Specifically tailored, hands-on courses include the history of Esports, industry hardware/software, game design and live streaming. In addition, the business models behind team management and tournaments are studied in detail, with the culmination of learning in the practical project course where students integrate the knowledge obtained throughout the program to plan, manage and execute real-world Esports projects.

Graduates of the program are prepared to pursue a variety of career opportunities including team and league Esports marketing, management, promotion and event coordinator positions. Some graduates may also pursue related careers in Esports as a pro-player, coach or a streamer which is defined as an online player people pay to watch.

Employment Opportunities

Emedia coordinator, emarketing manager, web marketing consultant, content marketing specialist, ebusiness manager, esports manager or esports coach.

Admission Requirements

A college diploma or university degree.

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$7,364.17
TERM 2	\$6,626.89
TOTAL	\$13,991.06

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

Term 1

- ELD-1013 Instructional Design
- ELD-1022 Assessing Performance Needs
- COM-3013 Professional Communications
- ELD-1063 Intellectual Property, Copyright, and Ethics in Online Research
- ELD-2023 Evaluating Learning
- ELD-3013 Facilitating Online Learning: Synchronous and Asynchronous

Term 2

- ELD-1053 eLearning Quality Assurance
- ELD-2013 Facilitating Training
- ELD-2033 Learning Management Systems (LMS) and Web Conferencing Applications
- ELD-2043 Rapid eLearning with Articulate Storyline
- ELD-3053 Design Principles for eLearning
- ELD-3032 Capstone Project
- CPP-1001 Co-op Preparation

Term 3

- ELD-3063 Adobe Photoshop and Illustrator
- ELD-2064 Tech Tools Lab: LMS, Web Conference, Web Authoring (Independent Study)
- ELD-3044 Rapid eLearning with Articulate Storyline II
- MAN-2103 Project Management
- ELD-3073 Training, Development and Storyboarding

Term 4

- CPL-1049 Co-op Work Term*
- OR -
- CPL-5559 Applied Project

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

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

Term 1

- ESA-1013 Esports Gaming Foundation I
- ESA-3013 Esports Gaming Foundation III
- SRM-5703 Sport Research and Analytics
- MKT-1103 Social Media Marketing
- ESA-3002 Video/Audio Production
- MAN-2103 Project Management

Term 2

- ESA-4015 Esports Gaming Project
- SRM-2603 Fundraising and Sport Sponsorship
- ESA-4001 Esports Law
- ESA-1043 Live Stream Marketing and Production
- MKT-3403 Selling
- JSS-1001 Job Search and Success

Facilities & Property Management



SARNIA

In this multi-disciplined program, students in the Lambton College Facilities and Property Management, Ontario College Graduate Certificate utilize existing related education or experience to learn and apply a variety of skills to help operate, administer and manage facility and property operations. In this program, students study the skills and knowledge associated with facility and property administration, including land use, property evaluation, financing, site administration and maintenance and owner/management relations. Students develop a foundation of business skills, including communications, accounting, human resources, relationship managing and marketing strategies that apply to the property facility and management industries of today.

Please Note: Upon successful completion of the five designated Institute of Housing Management (IHM) courses and one specified elective the students will be granted a Candidate status with the Institute of Housing Management.

Employment Opportunities

Career positions may include, but are not limited to:

- accommodation officer
- apartment rental agent
- housing project manager
- leasing co-ordinator, property
- property administrator
- property rentals manager
- facility operations manager
- recreation facility manager
- warehouse manager
- facility operations manager

Admission Requirements

A college diploma or university degree.

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$8,841.52
TERM 2	\$8,104.24
TERM 3	\$8,841.52
TERM 4	\$0.00
TOTAL	\$25,787.28

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Financial Planning & Wealth Management



SARNIA

TORONTO

The Financial Planning & Wealth Management Graduate Certificate program prepares university and college graduates for an exciting and rewarding career in the financial services sector. Students will gain specialized career expertise, technical knowledge and selling skills required to work in banks, credit unions, mutual fund companies, investment dealers, stock brokerages, independent financial planning firms and insurance companies. The final term of study includes a co-op in the financial services industry so that students can gain experience through practical work or through an Applied Project.

This Lambton College program is licensed to and delivered by Cestar College, 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

In the financial services industry there are several sectors where a graduate can be employed on an entry-level basis. These sectors include: banking, credit unions, mutual funds, investment dealers, stock brokerages, independent financial planning and insurance.

Admission Requirements

A college diploma or university degree.

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$8,600.00
TERM 2	\$7,550.00
TERM 3	\$8,210.00
TERM 4	\$900.00
TOTAL	\$25,260.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

COM-3013	Professional Communications
MKT-6113	Applications of Marketing Concepts
MEC-1502	Occupational Health and Safety in Canada
BUS-1234	Business Applications
ACC-1093	Accounting Concepts I
IHM-3003	Property and Building Administration

Term 2

RCT-3233	Electrical and Plumbing Techniques for Renovations
QEM-1504	Total Quality Management
MAN-1093	Canadian Leadership and Management Skills
IDC-2303	Staging to Rent
IHM-3053	Tenancy Law in Ontario
IHM-3013	Building Maintenance for Property Managers
CPP-1001	Co-op Preparation

Term 3

CON-2042	Energy Efficiencies in Canadian Construction
MKT-1103	Social Media Marketing
IHM-3023	Strategic and Financial Planning for Property Managers
IHM-3043	Human Relations for Property Managers
MAN-2103	Project Management
SCU-1603	Fundamentals of Entrepreneurship

Term 4

CPL-1049	Co-op Term
- OR -	
CPL-5559	WIL Project

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

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

Term 1

MKT-1143	Marketing Fundamentals
ACC-1093	Accounting Concepts I
BUS-1234	Computer Applications for Business
COM-3013	Professional Communications
FIN-3004	Investment Funds in Canada

Term 2

MKT-3403	Selling
ECO-1503	Principles of Economics
FIN-1013	Financial Analysis and Budgeting
FIN-3104	Investments I
FIN-4003	Banking
CPP-1001	Co-op Preparation

Term 3

MKT-4003	Customer Relationship Management
FIN-4203	Investment Conduct and Compliance
FIN-4104	Investments II
FIN-4013	Personal Finance Planning I
FIN-1194	Insurance Planning

Term 4

CPL-1049	Co-op - Full-Time*
- OR -	
CPL-5559	WIL Project

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

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

Food Safety & Quality Assurance Management



TORONTO

The food industry finds itself responding to consumer demands for more refined, sophisticated, and convenient products with an increased responsibility for processors in terms of food safety and quality assurance standards. To help support the ever increasing demand to attract highly-skilled workers to the growing food and beverage processing industry in Ontario, the Food Safety and Quality Assurance Management, Ontario College Graduate Certificate program provides extensive, hands-on training for careers in food and beverage processing, safety and quality assurance. This four term, full-time program is designed for students with previous degrees or diplomas in related sciences, engineering or food safety, and will add to previous education and skills that directly apply to the food processing environment.

Curriculum focuses on principles of food safety and quality assurance standards applicable to the Canadian food and beverage processing industries. Food Chemistry and Microbiology, Food Safety Management Systems, Sanitation along with an in-depth review of Canadian and International Food Laws and Regulations are the core elements of this program. The program offers a unique blend of theoretical and practical knowledge including a co-op/project term to allow students to integrate in the Quality Assurance management team.

Graduates will have strong knowledge of food and beverage processing procedures, sanitation practices, HACCP principles, health and safety practices, food safety standards, as well as good communication, leadership and problem solving skills.

Employment Opportunities

Employment may include positions such as food safety and quality assurance technicians, lab technicians, regulatory coordinators, sanitation supervisors or industry consultants.

Admission Requirements

Ontario College Diploma, Ontario College Advanced Diploma, Degree, or equivalent in Science, Chemistry, Organic Chemistry, Biology, Microbiology, Environmental, Pharmacy, Engineering, Instrumentation, Mathematics or related fields of study.

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,710.00
TERM 2	\$8,050.00
TERM 3	\$8,710.00
TERM 4	\$900.00
TOTAL	\$26,370.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

FSQ-1003	Canadian and International Food Safety Regulations
FSQ-1102	Principles of Food Sciences
MEC-1502	Canadian Workplace Health and Safety
FSQ-1013	Food Processing in Canada
FSQ-1203	Technical Report Writing for the Canadian Food Industry
COM-3013	Professional Communications
LAQ-1003	Analytical Chemistry I

Term 2

FSQ-2003	Principles of Food Safety and Quality Assurance
FSQ-2104	Food Microbiology
FSQ-2204	Food Chemistry
FSQ-2303	Risk Assessment and Control Plans
FSQ-2403	Sanitation in Food Processing
CPP-1001	Co-op Preparation

Term 3

FSQ-3003	Current Food Safety Issues
FSQ-3104	Quality Management Systems
FSQ-3203	Product Development and Packaging
FSQ-3304	Food Analysis
FSQ-3403	Food Safety Engineering

Term 4

CPL-1049	Work Term (Full-Time)
- OR -	
CPL-5559	WIL Project

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

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

Hospitality Management



SARNIA

This post graduate program prepares international graduates for an exciting career in Canada's tourism and hospitality industry. Students develop 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 Hospitality Management student experience delivers

- a unique, educational experience offering skill development and industry experience (3 academic terms + 1 paid, co-operative 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-operative work term across Canada and around the world

Employment Opportunities

Tourism and Hospitality industry professionals are in global demand. Employers of our graduates include: Tourism Sarnia-Lambton, Fairmont Hotels and Resorts, Intercontinental Hotels and Resorts, Hyatt Hotels Corporation, Marriott Hotels and Resorts, Walt Disney Parks and Resorts, Gateway, Entertainment and Casinos, Chippewas of Kettle & Stony Point First Nation, Self-Employment: Inns, Adventure Tourism, Food and Beverage and Retail.

Admission Requirements

A college diploma or university degree.

IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$7,534.33
TERM 2	\$6,797.05
TERM 3	\$0.00
TERM 4	\$7,457.05
TOTAL	\$21,788.43

** 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-1113	Workplace Communications
JSS-1001	Job Search and Success

Term 2

HCL-2003	Financial Control
HCL-2103	Tourism Marketing
HCL-2303	Hotel Operations
HCL-3203	Human Resources
HCL-3403	Tourism Trends

Co-op

CPL-1049	Full-Time Work Term
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Term 4

HCL-3003	Events, Meetings and Conferences
HCL-3103	Marketing Communications
HCL-3504	Cost Management
HCL-3603	Operations Management
HCL-4103	Organizational Leadership
HCL-4303	Entrepreneurship in Tourism

Hotel & Resort Management



MISSISSAUGA

The Hotel & Resort Management Ontario College Graduate Certificate program is designed for students intending to pursue a career in the hotel and resort industry for supervisory and management roles. Students can expect to be immersed in an innovative curriculum, formed from industry expertise and managerial skills.

The content is related to the pillars of the hospitality industry, including: entrepreneurial thinking, accounting and finance, marketing and sales, food and beverage, accommodations and human resources. Courses will assist students with the knowledge and ability to transition directly into the industry at the knowledge and ability to transition directly into the industry at the conclusion of the program, with a strong understanding of the internal relationships between departments and the various business functions that drive performance in the hotel and resort industry.

This program requires students to purchase mandatory courseware. This fee will be applied to the student account in the third term.

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.

Employment Opportunities

Graduates may find employment in all elements of full service hospitality and tourism operation including: front office, food and beverage, housekeeping, sales and marketing, accounting, finance and human resources.

Admission Requirements

A college diploma or university degree

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,345.00
TERM 2	\$7,570.00
TERM 3	\$8,370.00
TERM 4	\$900.00
TOTAL	\$25,185.00

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

Term 1

MKT-1143	Marketing Fundamentals
COM-3013	Professional Communications
BUS-1883	Business Analytics
MAN-1103	Human Resources Management
HAR-1013	Financial Analysis and Budgeting
HAR-1501	Industry Certifications
HIN-3303	Human Interaction

Term 2

HAR-1403	Food and Beverage Operations
HAR-3043	Introduction to Hotels and Resorts
HAR-3084	Hotel and Resort Finance and Revenue Management
HAR-3093	Lodging Management
HAR-4073	Tourism Trends and Strategy
CPP-1001	Co-op Preparation

Term 3

MKT-4003	Customer Relationship Management
HAR-1003	Hotel and Resort Operations Management
HAR-2003	Hotel and Resort Employee Relations
HAR-3103	Marketing Communications
HAR-4203	Hotel and Resort Capstone Project

Term 4

CPL-1049	Work Term - Full-Time*
- OR -	
ALP-5559	Applied Project

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

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

Instrumentation & Control Engineering Technology - Industrial Automation - Accelerated



SARNIA

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

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

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

Employment Opportunities

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

Admission Requirements

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

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

Students are required to complete a series of technical writing workshops in order to progress into the second term of study.

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$7,967.08
TERM 2	\$7,229.80
TERM 3 & 4	\$0.00
TERM 5	\$7,889.80
TERM 6	\$0.00
TERM 7	\$7,889.80
TOTAL	\$30,976.48

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

Term 1

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

Term 2

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

Term 3

CPL-1049	Co-op Work Term
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Term 4

CPL-2049	Co-op Work Term
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Term 5

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

Term 6

CPL-3049	Co-op Work Term
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Term 7

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

Interprofessional Practice - Gerontology



MISSISSAUGA SARNIA

The Lambton College Interprofessional Practice - Gerontology, Ontario College Graduate Certificate focuses on preparing graduates to work interprofessionally to enhance their professional practice to care for aging adults and families who require complex and/or long-term care within institutions or in the home in Canada. In the program, students develop skills in collaborative patient-centred care and inclusive practice.

Program curriculum includes comprehensive patient assessment and team approaches to client and family centric care planning and delivery. Students also study various age-related changes in social, psychological and biological functions to evaluate the implications of these changes on individuals' ability to interact with their social and physical environments and on individuals' care needs.

As a culmination of program learning, students participate in both an interprofessional field placement within a community organization as well as a community project, which includes the completion of an associated capstone project research paper. Program curriculum along with real world experiences prepares graduates for employment in a range of Canadian work settings including senior centres, day and leisure programs, research and education services, retirement homes, long term care homes, group homes and home support services.

Employment Opportunities

Career positions may include, but are not limited to: continuing care assistant, geriatric aide, geriatric health care attendant, health care aide, health care assistant, hospice worker, institutional aide, and long-term care aide.

Admission Requirements

Ontario College Diploma, Ontario College Advanced Diploma, or equivalent from a health care-related field.

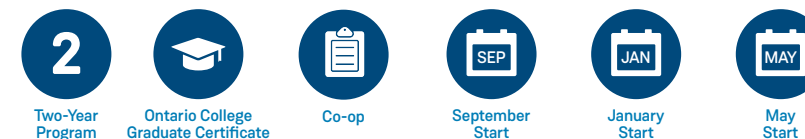
IELTS 6.5 or TOEFL iBT 79

Tuition Fees

Term 1	\$7,360.00
Term 2	\$6,700.00
Term 3	\$7,360.00
Term 4	\$3,480.00
TOTAL	\$24,900.00

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

Marketing Management - Digital Media



MISSISSAUGA TORONTO

The Lambton College Marketing Management - Digital Media, Ontario College Graduate Certificate, is designed to provide students with both the theoretical and hands-on skills necessary in today's digital media marketing world. The emergence of social media, mobile tools and other new technologies has created a need for highly trained, creative individuals who can combine traditional marketing strategies with digital, online platforms to create and maintain an effective online presence for businesses they represent.

Curriculum will initially focus on the foundational knowledge in marketing that is necessary prior to integrating digital marketing strategies in businesses. Student utilize aspects of primary and secondary market research, statistics, databases, and various digital media platforms to integrate into digital marketing plans. New and emerging interactive media will be studied, and students will integrate these into various projects. The final term will enhance all learning outcomes through a research or co-operative education work term.

This Lambton College program is licensed to and delivered by Queen's College and Cestar College, licensed private career colleges in Mississauga and Toronto, Ontario. Students that are registered at Lambton in Mississauga and 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 Queen's College campus in Mississauga and the Cestar College campus in Toronto. Students who meet program graduation requirements will graduate with a credential from Lambton College.

Employment Opportunities

Career positions may include, but are not limited to: Communications Manager, Advertising Consultant, Media Coordinator, Marketing Manager, Web Marketing Consultant, Ebusiness Manager.

Admission Requirements

A university degree or college diploma or advanced diploma in business or a related discipline.

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,410.00
TERM 2	\$7,750.00
TERM 3	\$8,410.00
TERM 4	\$900.00
TOTAL	\$25,470.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1	
LHC-1074	Patient and Family Centred Care
LHC-1083	Patient Safety
LHC-1093	Evidence Based Practice
IPG-1003	Interprofessional Practice - A Canadian Perspective
IPG-1013	The Aging Population
COM-3013	Professional Communications
Term 2	
PSW-2003	Palliative Care
IPG-2003	Leadership in Canadian Health Care
LHC-2094	Cultural Competence for Health Care Providers
LHC-2104	Leadership in Canadian Health Care Lab
IPG-2013	Frailty in the Elderly
IPG-2032	Career Development
Term 3	
IPG-3004	Canadian Community Practice
IPG-3014	Principles of Canadian Long Term Care
IPG-3023	Working with Clients with Dementia
IPG-3033	Mental Health and the Aging Population
IPG-3043	Patient Navigation in Canada
Term 4	
IPG-4006	Placement
CPL-5559	WIL Project

Term 1	
BUS-1883	Business Analytics
COM-3013	Professional Communications
DIM-1223	Trends in Digital Marketing
DIM-1334	Business Intelligence
MKT-1143	Marketing Fundamentals
PHL-1253	Ethical Leadership and Critical Decision Making
Term 2	
DIM-2003	Digital Marketing Presentation
DIM-3353	Online Marketing Communications
DIM-3103	Asset Creation for Digital Media
DIM-1043	Tools for Digital Marketing
MKT-3503	Sales Technology
MKT-3403	Selling
CPP-1001	Co-op Preparation
Term 3	
DIM-3203	Content Creation
DIM-3304	Digital Media Integration and Management
DIM-3404	Digital Analytics and Campaign Analysis
DIM-3503	Online Marketing
MKT-6103	Marketing Strategy
Term 4	
CPL-1049	Work Term - Full-Time
- OR -	
CPL-5559	WIL Project

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

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

Marketing Management - Professional Sales



TORONTO

The Marketing Management - Professional Sales Graduate Certificate program prepares university and college graduates for an exciting and rewarding career in marketing or sales. Students gain specialized career expertise, technical knowledge and practical work experience via classroom learning and a co-op placement. Students also gain knowledge in search engine marketing (SEM) and search engine optimization (SEO) through Google Analytics and Google AdWords.

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

There are several sectors of marketing, sales and related industries that a graduate can obtain employment in, including: sales, advertising, market research, marketing management, brand management, retail management, public relations and fundraising.

Admission Requirements

A college diploma or university degree

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,450.00
TERM 2	\$7,550.00
TERM 3	\$8,210.00
TERM 4	\$900.00
TOTAL	\$25,110.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

MKT-1143	Marketing Fundamentals
FIN-1124	Finance Concepts for Marketing
COM-3013	Professional Communications
BUS-1883	Business Analytics
SCU-1603	Fundamentals of Entrepreneurship
PHL-1253	Ethical Leadership and Critical Decision Making

Term 2

MKT-3403	Selling
MKT-3103	Consumer Behaviour and Trends
MKT-3353	Integrated Marketing Communications
DIM-1334	Business Intelligence
MKT-3503	Sales Technology
CPP-1001	Co-op Preparation

Term 3

MKT-4303	Sales Management
MKT-4003	Customer Relationship Management
MKT-4313	Business to Business Marketing
BUS-5503	Entrepreneurship I
MKT-6103	Marketing Strategy
MKT-4323	Customer Value Creation

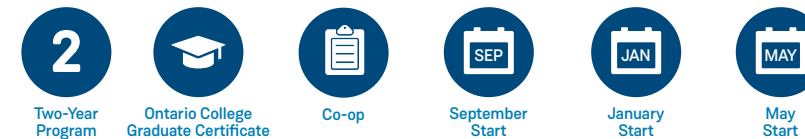
Term 4

CPL-1049	Co-op Work Term - Full-Time*
- OR -	
CPL-5559	Applied Project

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

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

Mobile Application Design & Development



TORONTO

Mobile application development is quickly evolving and growing to meet the demand of today's marketplace. The Mobile Application & Design Development Ontario College Graduate Certificate program will allow students the opportunity to develop a wide variety of skills in applications for mobile and tablet devices. Curriculum focuses on mobile application development topics, and becomes increasingly in-depth to allow students to develop the skills employers demand.

Initial curriculum focuses on platform-based development including iOS and Android applications. Various client-side development tools are introduced such as HTML5, CSS3, and JavaScript, as well as server-side programming to complement mobile application development. The focus will be on open source development based on PHP and MySQL.

In the second term, curriculum is based on various applied courses and team projects to ensure the continued development of critical skills in publishing their native, game and cross-platform mobile applications on both the App Store and Android Market. The third term curriculum focuses on user-experience design, web security, online mobile marketing, user interface design and native smartphone application development utilizing the latest standard web technologies. To synthesize all student learning outcomes, the co-op work term or the applied project provides the components necessary to improve graduate employability competencies.

In this program, graduates develop their problem solving skills to analyze business requirements and design, develop and implement real-life mobile applications. In addition, students expand their business and communication skills through participating in collaborative team projects.

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Employment Opportunities

Graduates may expect a wide variety of rewarding career opportunities that are both challenging and dynamic in nature. Courses in the program prepare graduates for careers such as iOS programmers, Android programmers, mobile application developers, software developers, computer programmers, programmer analysts, database developers, database specialists. Upon completion of this post-graduate certificate program, graduates will be equipped with multidisciplinary skills that can be applied in a variety of careers in the field.

Admission Requirements

A college diploma or university degree in Engineering Technology, Electronics or Computer Application.

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,710.00	TERM 3	\$8,710.00
TERM 2	\$8,050.00	TERM 4	\$900.00
		TOTAL	\$26,370.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

CBD-2303	Database Design
MAD-3463	Programming Java
MAD-3004	Introduction to Swift Programming
MAD-3115	iOS Programming Fundamentals
MAD-3125	Android Development Fundamentals

Term 2

MAD-3144	Mobile Browser Application Development
MAD-4114	Advanced iOS Application Development
MAD-4124	Advanced Android Application Development
MAD-5254	The Business of Mobile Application Development
MAD-5264	Mobile Development and Design Capstone Project I
CPP-1001	Co-op Preparation

Term 3

MAD-5234	Software Quality Assurance Testing
MAD-5274	Mobile Development and Design Capstone Project II
MAD-6114	Mobile Frontend Development
MAD-6123	Mobile Backend Development
MAD-6135	Javascript Fundamentals

Term 4

CPL-1049	Co-op Work Term*
- OR -	
CPL-5559	Applied Project

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

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

Occupational Health & Safety Management



SARNIA TORONTO

The Occupational Health & Safety Management Ontario College Graduate Certificate program is a multi-disciplinary program that is designed to encompass a broad range of knowledge in occupational health, safety and environmental management systems that are critical to an organizations success. This program provides students with a strong health and safety foundation by developing the competencies required for the effective development, implementation and evaluation of health and safety systems in occupational settings.

Emphasis is placed upon learning the application of legislation and recognizing, controlling and evaluation workplace hazards. This program will enable students to become leaders in health and safety by motivating proactive behavioural change. Students will anticipate and employ strategies to manage emerging health, safety and environmental issues while examining accident theories, emergency response planning, ergonomic principles, risk management principles and the promotion of workplace safety and wellness.

This program is accredited by the Board of Canadian Registered Safety Professionals (BCRSP).

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Employment Opportunities

Program graduates can work in a wide range of roles in safety inspection, auditing, risk management, emergency management, environmental management and human resources management. Industry sectors include mining, construction, petroleum, forestry, health care, electrical and communications utilities, transportation, federal, provincial and municipal governments, retail and wholesale operations, warehousing and distribution networks, consulting, engineering and education.

Admission Requirements

A college diploma or university degree in Engineering, Health Sciences or Human Resources or equivalent

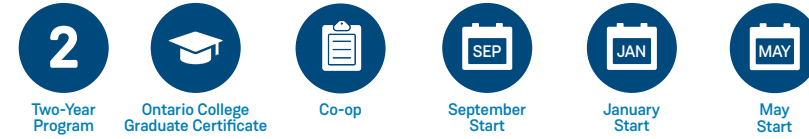
IELTS 6.0 or TOEFL iBT 69

Tuition Fees

TERM 1	\$8,300.00
TERM 2	\$7,750.00
TERM 3	\$8,210.00
TERM 4	\$900.00
TOTAL	\$25,160.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Quality Engineering Management



SARNIA TORONTO

The Quality Engineering Management Ontario Graduate Certificate program provides individuals with the knowledge and techniques to improve the delivery and quality of goods and services. The focus of the program is the achievement of performance excellence in manufacturing and business processes through the use of modern quality improvement methods.

On completion of the program, the graduate will be able to contribute to the role of creating value in an organization and will be able to apply modern quality techniques and procedures to solve problems and enhance the quality of goods and services, to eliminate waste and improve value to the end customer.

The principles examined in this program are applied to a wide variety of industries. It includes skills training that recognizes the needs of the traditional manufacturing base, and also provides the proficiencies demanded by many technology-focused industries.

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Employment Opportunities

The nature of available job opportunities varies on previous work experience. Graduates of this program may find employment as: quality inspectors, quality engineers, quality coordinators, quality technicians, quality managers, ISO coordinators, quality supervisors, quality auditors and project managers.

Types of industries served include: automotive, aerospace, electronics, manufacturing, packaging, maintenance, construction and pharmaceuticals.

Admission Requirements

A college Bachelor of Engineering - Mechanical degree or equivalent
-and-
Computer literacy skills (competence in operating systems, spreadsheets and word processing)

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,850.00
TERM 2	\$8,200.00
TERM 3	\$8,810.00
TERM 4	\$900.00
TOTAL	\$26,760.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

BUS-1883	Business Analysis
COM-3013	Professional Communications
OHS-2023	Risk Management
MAN-1163	Organizational Behaviour
OHS-1023	Occupational Health and Safety
OHS-3073	Operational Safety

Term 2

OHS-2113	Ergonomics
OHS-4443	OHS and Environmental Management Systems
OHS-5553	Environmental Legislation
OHS-2053	Disability Management
OHS-3003	Industrial Hygiene and Toxicology
OHS-4003	Industrial Hygiene and Toxicology Lab
CPP-1001	Co-op Preparation

Term 3

OHS-3013	Emergency Planning and Management
OHS-3043	Health and Wellness
HRM-5003	Program Design, Development and Implementation
OHS-2043	Accident Prevention and Theory Investigation
OHS-3063	Introduction to Process Safety
OHS-5014	Workshop Series

Term 4

CPL-1049	Co-op Work Term
- OR -	
CPL-5559	WIL Project

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

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

Term 1

QEM-1004	Basic Statistics for Process Control
QEM-1103	Lean Production Systems
COM-3013	Professional Communications
QEM-1303	Materials and Testing
QEM-1402	Workplace Health and Safety
QEM-1504	Total Quality Management

Term 2

QEM-2004	Advanced Statistics for Process Control
QEM-2104	Continuous Improvement Techniques
QEM-2204	Implementations of Quality Management Systems
QEM-2303	Economics of Quality
QEM-2404	Geometric Dimensioning and Tolerance
CPP-1001	Co-op Preparation

Term 3

QEM-3004	Quality System Auditing
QEM-3104	Six Sigma Process Improvement Techniques
QEM-3203	Metrology and Measurement System Analysis
QEM-3304	Reliability
QEM-3404	Problem Solving and Decision Making Techniques

Term 4

CPL-1049	Work Term - Full-Time*
- OR -	
CPL-5559	Applied Project

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

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

Supply Chain Management



MISSISSAUGA TORONTO

The Supply Chain Management Ontario College Graduate Certificate program will enhance the credentials of successful students, enabling them to demonstrate understanding, knowledge, skills and expertise in supply chain to potential employers. It will further provide students with the ability to envision and produce their own supply chain career plan in preparation for employment.

Emphasis is placed upon learning the elements of supply chain strategic planning, network design, materials handling design and applications and operations. The program will enable students to analyze end-to-end supply chain processes and understand the importance of technology and software applications in facilitating and supporting supply chain execution. Students will experience a mix of classroom study, online research, hands-on computer applications, individual assignments, group projects, topical quizzes, projects and field study.

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Employment Opportunities

Program graduates can work in a wide range of domestic and international supply chain roles in sales, finance, procurement, information technology, inventory planning, warehousing and transportation. Industry sectors include manufacturing and retailing, mining and oil, public service, not-for-profit and consulting. In addition, specialist organizations include logistics and transportation providers, freight forwarders, customs and freight brokers, couriers and rail and airline companies could also be potential employers in Canada, the USA and overseas.

Admission Requirements

A college diploma or university degree

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,400.00
TERM 2	\$7,650.00
TERM 3	\$8,400.00
TERM 4	\$900.00
TOTAL	\$25,350.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

ACC-3154	Finance and Accounting
SUP-1033	Canada and Supply Chain Logistics
BUS-1234	Computer Applications for Business
BUS-1103	Global Business Principles
SUP-2013	Intro to Supply Chain Practices

Term 2

SUP-2083	Logistics (Warehousing and Distribution)
CFF-2013	International Transportation and Trade (ITT)
MAN-1033	Operations Management
MAN-1163	Organizational Behaviour
SUP-2053	Supply Chain Technology
SUP-3063	Purchasing
CPP-1001	Co-op Preparations

Term 3

SUP-3043	Supply Chain Operations Management
SUP-3083	Supply Chain Case Studies
SUP-3033	Network Design and Planning
SUP-3053	Managing Operational Excellence in the Supply Chain
CFF-3023	Essentials of Freight Forwarding (EFF)

Term 4

CPL-1049	Co-op Term - Full-Time*
- OR -	
CPL-5559	Applied Project

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

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

Wireless Networking



MISSISSAUGA

In a world of wireless communications shared between businesses, clients, and individuals, the Lambton College Wireless Networking two-year, four semester Ontario College Graduate Certificate prepares graduates with the skills needed for configuration and integration of wireless devices. Students can expect to train on and learn from the most advanced technologies in the design, operation, and management of wireless networks.

Curriculum will focus on the collection and transfer of data through wireless related areas such as networks, servers, embedded systems and other wireless technologies. The final semester will enhance all learning outcomes through a support project or co-operative education work term. Working in a variety that support and manage wireless information networks or as wireless server entrepreneurs, graduates will learn the skills needed for many exciting careers.

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.

Employment Opportunities

Career positions may include, but are not limited to:

- Cellular Network Technician
- Wireless LAN Management and Support
- Network Administrator
- Wireless LAN Technician
- Wireless Service Provider
- Telecommunications Network Specialist

Admission Requirements

A college or university degree in Electronics Science Engineering, Information Science Engineering, Computer Science Engineering, Software Science Engineering, Telecommunications Science Engineering or related discipline.

IELTS 6.5 or TOEFL iBT 79

Tuition Fees

TERM 1	\$8,710.00
TERM 2	\$8,050.00
TERM 3	\$8,710.00
TERM 4	\$900.00
TOTAL	\$26,370.00

** Tuition fees are estimated in Canadian dollars and subject to change each academic year. Fees do not include WIL Project fee for students not eligible for co-op. For more information visit lambtoncollege.ca/international.

Term 1

WNW-1114	Data Communications & Security
WNW-1125	Fundamentals of RF Communications
WNW-1134	Enterprise WLAN Administration
WNW-1143	Operating Systems for Wireless Networking
WDI-1001	Workplace Diversity

Term 2

WNW-2114	Advanced Wireless Security
WNW-2124	Mobile Communications
WNW-2135	IP Telephony
WNW-2144	Cloud Infrastructure and Virtualization
CPP-1001	Co-op Preparation

Term 3

WNW-3115	LTE Fundamentals Voice and Data
WNW-3124	Advanced Network Analysis and Design
WNW-3134	Emerging Networking Technologies
CSD-4103	Project Management

Term 4

CPL-1049	Co-op Work Term*
- OR -	
CPL-5559	Applied Project

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

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



Scholarships

Top international students are eligible to receive entrance scholarships of \$1,000 to \$3,000 depending on the study location and program.

» Visit lambtoncollege.ca/international to view the scholarship section of each study location.

Scholarships

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