ARTIFICIAL INTELLIGENCE LEADERSHIP AND MANAGEMENT

Program: LIAI
Credential: Ontario College Graduate Certificate
Delivery: Full-time + Part-time
Length: 2 Semesters
Duration: 1 Year
Effective: Fall 2024, Winter 2025
Location: Barrie

Description

Artificial intelligence (AI) has the extraordinary power to transform industry operations, customer experience, as well as product and service design. The opportunity to implement artificial intelligence cuts across every sector.

Harnessing the potential of artificial intelligence for competitive performance requires a new type of professional. One who not only understands the capacity of the science, but has the expertise to apply it to organizational needs and strategies, and the leadership skills to navigate through the ethical, economic, and societal implications of artificial intelligence implementation.

Career Opportunities

The program gives students the opportunity to acquire deeper knowledge and skills in the field of artificial intelligence. This is a relatively new area of practice that is expected to provide ample employment opportunities for program graduates in various and inter-disciplinary positions in many industries such as Marketing, Finance, Human Resources, and so on.

The program will allow students to gain a more in-depth understanding of the impact of artificial intelligence on the different work areas of any size business.

Graduates of the program should be able to:

1. Hold managerial positions in industries in the private and public sectors.
2. Become entrepreneurs and establish their own enterprises in the field of artificial intelligence.
3. Continue studying towards a Bachelor degree.

Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

1. implement business strategies that translate an artificial intelligence organization's vision into operational plans;
2. interpret and apply financial information to determine risk, cost-benefit and liability of projects and operations within the artificial intelligence industry;
3. employ innovative strategies through systems design thinking and the ideation process to further explore and develop opportunities in the artificial intelligence industry;
4. analyze business data to inform strategies that improve customer relationships and promote lean operations;
5. identify and present innovative solutions that help individuals and organizations become more agile and effective during change initiatives;
6. develop and implement training opportunities to create and maintain high-performance local and virtual work teams;
7. apply decision-making and problem-solving techniques to support and enhance business processes and related policies in alignment with best practices of the artificial intelligence industry;
8. enhance active listening, written, oral, and presentation skills through interpersonal and technological applications in order to promote effective communication within an organization;
9. identify and apply discipline-specific practices that contribute to the local and global community through social responsibility, economic commitment, and environmental stewardship;
10. embed ethical decision-making into organizational strategy to minimize risk to the economy and society when implementing artificial intelligence technology into any process;
11. perform work in compliance with relevant statutes and regulations governing artificial intelligence business practices.

Program Progression

The following reflects the planned progression for full-time offerings of the program.

Fall Intake

- **Sem 1:** Fall 2024
- **Sem 2:** Winter 2025

Winter Intake

- **Sem 1:** Winter 2025
- **Sem 2:** Summer 2025

Admission Requirements

- Ontario College Diploma, Ontario College Advanced Diploma, Degree, or equivalent. Education or experience in a business setting is desirable.

Graduation Requirements

12 Program Courses

Graduation Eligibility

To graduate from this program, a student must attain a minimum of 60% or a letter grade of P (Pass) or S (Satisfactory) in each course in each semester. The passing weighted average for promotion through each semester and to graduate is 60%.

Program Tracking

The following reflects the planned course sequence for full-time offerings of the Fall intake of the program. Where more than one intake is offered contact the program co-ordinator for the program tracking.

Semester 1		Hours
Program Courses		
LIAI 1000	Agile Project Management for AI	56
LIAI 1001	AI Strategy and Change	56
LIAI 1002	AI Ethics and Policy	56
LIAI 1004	AI Innovation and Entrepreneurship	56
LIAI 1012	AI Fundamentals for Managers	56
LIAI 1013	AI in Human Resources	56
	Hours	**336**
Semester 2		
Program Courses		
LIAI 1003	Analytical Decision Making	56
LIAI 1006	AI in Marketing	56
LIAI 1007	AI in Finance	56
LIAI 1009	Deep Learning	56
LIAI 1010	Machine Learning	56
LIAI 1011	Leadership in Artificial Intelligence Capstone Project	56
	Hours	**336**
	Total Hours	**672**

Graduation Window

Students unable to adhere to the program duration of one year (as stated above) may take a maximum of two years to complete their credential. After this time, students must be re-admitted into the program, and follow the curriculum in place at the time of re-admission.

Disclaimer: *The information in this document is correct at the time of publication. Academic content of programs and courses is revised on an ongoing basis to ensure relevance to changing educational objectives and employment market needs.*

Program outlines may be subject to change in response to emerging situations, in order to facilitate student achievement of the learning outcomes required for graduation. Components such as courses, progression, coop work terms, placements, internships and other requirements may be delivered differently than published.