

# Artificial Intelligence – Architecture, Design and Implementation (AIDI)

## Ontario College Graduate Certificate

### PART-TIME

#### Frequently Asked Questions

**Do I need to apply?**

Part-time students must apply to this program through [ontariocolleges.ca](https://ontariocolleges.ca)  
Use the code AIDX.

**When can I start the program?**

Intakes: September, January, May

**How many courses do I take?**

Full program details and Admission Requirements can be viewed on the [Program Outline](#).

Graduation requirements  
14 Program Courses

**Additional Information**

To be successful in this program, students are required to have a Windows-based personal notebook computer prior to the start of the program that meets or exceeds the following hardware specifications:

- Intel I7, AMD A10 processor or better
- 16 GB of RAM
- 1 TB hard drive
- Ethernet Network Card (Can be USB)
- Wireless Network Card
- 2 USB 3.0 ports

## What are the varying forms of delivery? Can I take this program online? YES!

Most of the courses in this program are delivered through GC Flex. (others are delivered asynchronously online only)

### What is GC Flex?

A GC Flex course means faculty deliver lectures and labs in the classroom and simultaneously online.

This means the course has a day and a time so that students can come in person, they can watch the lecture live virtually during the class time OR they can take the course asynchronously.

All students are in the same section. You just study the way that works best for you.

[View the GC Flex ebook](#)

Students wanting to study online asynchronously – PLEASE NOTE – because these courses are delivered in 3 different methods, the course you register into will show a day and time – if you choose to study asynchronously, you are not required to attend live classes, either virtually or on-campus but you **MAY be required to be online at certain times to write an assessment.**

## Wondering if studying online asynchronously is right for you?

If you are wondering whether studying online is right for you – review the information at the links below as it may be helpful!

<https://tlp-lpa.ca/learning-online>

Take the quiz!

<https://plato.algonquincollege.com/ac-library/lp/learning-online/story.html>

<https://ecampusontario.pressbooks.pub/learnonline/chapter/chapter-1/>

<https://studyonline.ca/resources/study-online-tips/>

AI ALGORITHMS AND MATHEMATICS - AIDI 1000

Fee: \$459.20

Course registration number: 20926

Start: Monday, Jan. 9, 2023

End: Friday, April 21, 2023

Class times

| Days     | Times              | Building - Room |
|----------|--------------------|-----------------|
| Thursday | 8:00 to 11:50 a.m. | K - 320         |

NOTE: This course is delivered online and in person. [Learn more about GC Flex.](#)

Campus: Barrie

[Add to cart](#)

## How do I know which courses to take?

We have set a schedule up for you – review the [DELIVERY SCHEDULE](#) posted on the program page:

Study Artificial Intelligence – Architecture, Design, and Implementation part-time

Ontario College Graduate Certificate

Become an expert in one of today's fastest-growing and transformational technologies. Solve complex AI challenges and power next generation businesses through machine intelligence.

Please refer to the [Artificial Intelligence – Architecture, Design, and Implementation program page](#) for all of the main details, including admissions requirements.

[Delivery schedule](#)

On this page:

- [Program information](#)
- [Course information](#)
- [How to apply](#)
- [Frequently asked questions](#)
- [Contact us](#)

Take the CareerMatch quiz

[Artificial Intelligence program flyer](#)

[View more Computer Studies programs](#)

[2023-2024 program outline](#)

[2022-2023 outline \(PDF\)](#)

[Program outline archive](#)

The Delivery Schedule shows the order in which part-time students should take courses. This was set by the program coordinator and is highly recommended you follow the path to ensure you have courses to take each semester. If you have questions about which courses to take, connect with the program coordinator listed on the Delivery Schedule.

### How long will it take to complete the certificate?

This varies depending on how many courses you take each semester. Total courses: 14

3 courses per semester: finish in 5 semesters (just under 2 years)

Example: Fall – Winter – Summer – Fall – Winter

2 courses per semester: finish in 7 semesters or 2.5 years

Example: Fall – Winter – Summer – Fall -Winter – Summer – Fall


### What is the cost of the program?

There is no program fee when studying part-time. As a part-time student, you can take 1, 2 or 3 courses at a time in any given semester.

Payment is per course, as you register.

The course fees change year-to-year and course to course. The best source for accurate fees is to check the website: [Artificial Intelligence](#)

See screenshot below. Note, courses have different hours and therefore different fees.



| Course offerings and equivalents  |                           |
|---|---------------------------|
| Currently available courses are linked below.                           |                           |
| Course title  | Course code               |
| <a href="#">Artificial Intelligence Algorithms and Mathematics</a>      | <a href="#">AIDI 1000</a> |
| <a href="#">Artificial Intelligence Infrastructure and Architecture</a> | <a href="#">AIDI 1006</a> |
| <a href="#">Artificial Intelligence Project</a>                         | <a href="#">AIDI 1011</a> |
| <a href="#">Artificial Intelligence Robotics and Automation</a>         | <a href="#">AIDI 1012</a> |
| <a href="#">Artificial Intelligence for Business Decision Making</a>    | <a href="#">AIDI 1005</a> |
| <a href="#">Conversational Artificial Intelligence</a>                  | <a href="#">AIDI 1001</a> |
| <a href="#">Data Manipulation Techniques</a>                            | <a href="#">BDAT 1000</a> |
| <a href="#">Emerging Artificial Intelligence Technologies</a>           | <a href="#">AIDI 1010</a> |
| <a href="#">Issues and Challenges in Artificial Intelligence</a>        | <a href="#">AIDI 1004</a> |

Each course listed links to course sections with fees and course details:

### AI Algorithms and Mathematics AIDI 1000

#### Course description

The study of Artificial Intelligence (AI) requires an understanding of certain mathematical and algorithmic principles. Students in this course gain mathematical knowledge of equations, differentiation, optimization, vectors, matrices, statistics and probability, while examining applications in supervised, unsupervised and reinforcement AI algorithms.

Credits  
4

Course Hours  
56

Students registering for credit courses for the first time must declare a program at the point of registration. Declaring a program does not necessarily mean students must complete a program. Individual courses may be taken for skill improvement and upgrading.

For more information, please [contact Continuing Education](#)

#### Available Courses

Unless stated, the course fee does NOT include the textbook(s). Not all courses have required textbooks. See [registration dates](#) for courses that are not yet open.

#### AI Algorithms and Mathematics - AIDI 1000 Tuesday, Sept. 5, 2023

AI ALGORITHMS AND MATHEMATICS - AIDI 1000

Fee: \$459.2

Course registration number: 10873

Start: Tuesday, Sept. 5, 2023

End: Friday, Dec. 15, 2023

#### Class times

| Days   | Times             | Building - Room |
|--------|-------------------|-----------------|
| Friday | 6:00 to 9:50 p.m. | E - 208         |

NOTE: This course is delivered online and in person. [Learn more about GC Flex.](#)

Campus: Barrie

FULL

#### AI Algorithms and Mathematics - AIDI 1000 Tuesday, Sept. 5, 2023

This course is 56 hours and has a fee of \$459.20

There is a day, time and room for students who wish to attend in person or online.

Note that there is a mention of GC Flex – that means this course is delivered via GC Flex and you have a choice to attend asynchronously.

### AI for Decision Making AIDI 1005

#### Course description

The application of Artificial Intelligence (AI) systems can be leveraged to improve business decision making. AI systems support real-time, evidence-based decision making by offering data collection, forecasting and trend analysis. Students explore how AI systems can be used to help make predictions by disseminating large amounts of data to assist with forecasting, planning and resourcing.

Credits  
3

Course Hours  
42

Students registering for credit courses for the first time must declare a program at the point of registration. Declaring a program does not necessarily mean students must complete a program. Individual courses may be taken for skill improvement and upgrading.

For more information, please [contact Continuing Education](#)

#### Available Courses

Unless stated, the course fee does NOT include the textbook(s). Not all courses have required textbooks. See [registration dates](#) for courses that are not yet open.

#### AI for Decision Making - AIDI 1005 Tuesday, Sept. 5, 2023

AI FOR DECISION MAKING - AIDI 1005

Fee: \$344.4

Course registration number: 10884

Start: Tuesday, Sept. 5, 2023

End: Friday, Dec. 15, 2023

#### Class times

| Days    | Times               | Building - Room |
|---------|---------------------|-----------------|
| Tuesday | 11:00 to 11:50 a.m. | Online          |

Campus: Barrie

[Add to cart](#)

This course is 42 hours and has a fee of \$344.40

This course is only delivered online. The day and time is an online session for Q&A. If you have concerns about the Q&A session and attending, connect with your program coordinator.

**NOTE: Course sections and fees for this program show during the Part-time Credit registration (add/drop) period only.**

This date can be found on our website: [IMPORTANT DATES](#)

### Are part-time students eligible for OSAP?

Part-time students MAY be eligible – this is individual and based usually on number of courses you take per semester. For more information, visit our [Financial Aid](#) page.

### QUESTIONS? We are here to help!

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