Integrated Artificial Intelligence

SCHOOL FOR ADVANCED DIGITAL TECHNOLOGY

Overview

Are you ready to unlock the potential of Artificial Intelligence (AI) and become an expert in AI systems integration and operation?

Our one-year Integrated Artificial Intelligence program will equip you with the knowledge and skills needed to excel in this innovative realm.

This program may be for you if you have previously completed post-secondary studies or have related work experience.

In this program, you will:

- acquire knowledge of ethical AI system design based on a deep understanding of ethical considerations, prioritizing fairness, transparency and accountability
- evaluate real-world case studies and tackle hands-on projects to develop and deploy AI solutions across diverse industries such as healthcare, finance, energy and more
- develop proficiency in implementing AI solutions that address real industry challenges with data science
- learn to communicate effectively with stakeholders, team members and non-technical audiences and bridge the gap between technical expertise and business objectives
- explore the crucial aspects of managing and analyzing data with a people-first approach and understand the significance of clean, reliable data in AI projects
- develop the ability to identify AI opportunities, assess risks and make data-driven decisions
- build technical and human skills that emphasize the fusion of technical expertise with human-centric skills
- learn how to lead AI projects with empathy, teamwork and understanding of human behaviour and needs.

By enrolling in this computer science program, you'll take the first step toward a career in the AI industry.

Potential roles include an AI systems architect, a data scientist or a project manager.

Our Integrated Artificial Intelligence program will empower you to thrive in this rapidly growing field. Your future in the world of AI awaits.

Traits, skills and aptitudes

Those working in the artificial intelligence field tend to be innovative, objective and directive.

You need:

- analytical skills
- technical aptitude
- effective communication
- ethical awareness
- speaking and writing skills
- an inquiring and inventive mind
- an eye for details
- patience and an organized approach to troubleshooting
- decision-making and problem-solving skills
- business acumen
- an aptitude for math and science
- teaching skills
- time-management skills.

To do well in this field, you should enjoy being innovative, working with others or independently, and being precise in your work.

Credentials

Upon successful completion of this program, you'll receive a SAIT Integrated Artificial Intelligence post-diploma certificate.

Practicum, Co-op and Work Integrated Learning

You'll complete a capstone project where you'll address a real-world AI challenge in a safe-to-fail environment.

You can also complete an optional work term after semester two. This work placement includes full-time paid employment.

Specialized Intakes

This program is available to international applicants as a stand-alone program or as part of a program bundle - two programs delivered consecutively.

If you choose the program bundle, you'll complete one of the following post-diploma certificates in your first year of study:

- Data Analytics, or
- Cyber Security for Control Systems

In the second year of study, you'll complete the Integrated Artificial Intelligence program.

After completing both programs, you'll receive two credentials, including an Integrated Artificial Intelligence post-diploma certificate.

You may then qualify for a post-graduate work permit of up to three years. If you only complete one of the programs, you may be eligible for a one-year post-graduate work permit.

Applicants must meet the admission requirements for both programs.

Bundle program details

Admission requirements

Applicants educated in Canada

Applicants must demonstrate English language proficiency and completion of the following courses or equivalents:

- a diploma or degree from an accredited post-secondary institution in one of the following subject matter areas with a minimum cumulative GPA of 2.3 (67% or C+)
  - Information Technology
  - Computer Science
  - Data Analytics
  - Software Development

A combination of education and professional experience may be considered in place of the above at the discretion of the Academic Chair.

Applicants educated outside of Canada

All applicants who were educated outside of Canada must demonstrate English language proficiency and provide proof they meet the program admission requirements outlined above with an international document assessment. Find accepted educational documents and assessment options.

SAIT may also accept courses completed at certain international post-secondary institutions.

Costs

2025/26 tuition and fees

The following estimated costs are effective as of July 1, 2025.

The estimated total cost of tuition and fees is based on the suggested schedule of study. Following a modified schedule will impact the fees you pay per semester and may alter final costs.

Domestic Students

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2	$18,000	$1,668.60	$19,668.60
			Total cost:	**$19,668.60**

The estimated total cost of tuition and fees for domestic students is based on the recommended course load per year.

International Students

The program total is based on the estimated amount you will pay if you enter this program during the 2025/26 academic year. The program total amount listed on your letter of admission may appear higher. This amount is your maximum tuition guarantee for the program. SAIT will not exceed this maximum, regardless of changes in tuition and fees between academic years.

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2	$21,990	$1,668.60	$23,658.60
			Total cost:	**$23,658.60**

The estimated total cost of tuition and fees for international students is based on the recommended course load per year.

Books and Supplies

Books and supplies are approximately $1,500 per full-time year. The required textbooks will be discussed in class.

This is a bring-your-own-device program with custom computer hardware and software requirements. You can choose to use a PC or Mac computer.

PC minimum requirements

- i7 processor
- 32 GB RAM
- 512 GB SSD storage
- Nvidia Quadro T1000 video card
- 15" screen size
- 1920x1080 screen resolution
- Windows 10 Pro 64-bit operating system

Suggested model: Lenovo ThinkPad P1 Gen 3

Approximate cost: $3,000

Mac minimum requirements

- i7 processor
- 16 GB RAM
- 512 GB SSD storage
- AMD Radeon Pro video card
- 15" screen size
- 1920x1080 screen resolution
- Mac OS Catalina or newer operating system

Suggested model: Macbook Pro

Approximate cost: $2,750

Required equipment/tools

You'll require a cloud computing service subscription to CloudMyLab, approximately $800 - $1,200 per year.