



Integrated Artificial Intelligence

SCHOOL FOR ADVANCED DIGITAL TECHNOLOGY

Overview

Learn to unlock the full potential of Artificial Intelligence (AI) and become a sought-after expert in AI systems integration and operation.

This program gives you the knowledge and skills to ethically design, develop and deploy AI systems in various industries such as healthcare, finance and energy. Gain hands-on experience in AI implementation and operation through project-based learning and practical work while understanding how to communicate effectively with stakeholders and team members.

You'll also explore managing and analyzing data with a people-first approach. The program focuses on developing your problem-solving, critical thinking and decision-making skills. Combining technical and human skills will enable you to lead AI projects and excel as a professional in this growing field. Enroll in our program today and take the first step towards a successful career in the AI industry.

Traits, skills and aptitudes

Students who experience success in this program and profession:

- Strong analytical and problem-solving skills: AI involves analyzing complex data and finding innovative solutions to various challenges
- Technical aptitude: A solid foundation in computer science, programming, and mathematics is essential for understanding and working with AI systems
- Effective communication: AI professionals must communicate complex ideas and concepts to non-technical stakeholders, as well as collaborate with interdisciplinary teams
- Ethical awareness: Given the potential impact of AI on society, students and professionals must understand the ethical implications of AI applications and be committed to responsible practices
- Adaptability and continuous learning: AI is a rapidly evolving field, so staying up-to-date with the latest advancements and being open to learning new skills is essential
- Creativity and innovation: AI offers opportunities for new and transformative solutions; students and professionals should be open to exploring unconventional approaches and thinking outside the box
- Business acumen: Understanding the broader business context and the potential implications of AI on different industries is critical for developing effective AI solutions.

Academic path

The opportunity to advance your education by transferring into this program or gain credit for previous postsecondary courses may be available.

There may also be opportunities to further your education by transferring to another institution once you graduate.

Learn more about [program and institution transfer options](#).

Credentials

Upon successful completion of this program, graduates will be awarded a SAIT Integrated Artificial Intelligence post-diploma certificate.

Practicum, Co-op and Work Integrated Learning

This program has a capstone project course that emphasizes hands-on learning and allows students to work on projects that address real-world AI challenges and problems using the skills they are developing in their other courses.

This program also includes an optional work term after semester two. The work placement includes full-time paid employment with a company.

International students must participate in the co-op work term to be eligible for a post-graduation work permit.

Admission requirements

Applicants educated in Canada

Applicants must demonstrate English language proficiency and meet the following requirements or equivalents:

- a diploma or degree from an accredited post-secondary institution in one of the following subject matter areas, or equivalent, with a minimum cumulative GPA of 2.3 (67% or C+):
 - information technology
 - computer science
 - data analytics
 - software development
- a combination of education and experience may be considered and is subject to approval by 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 with an international document assessment. [Find out what educational documents are accepted and assessment options.](#)

SAIT may also accept courses completed at certain [international post-secondary institutions.](#)

Costs

2023/24 tuition and fees

The following costs are effective as of July 1, 2023. They are an estimate of tuition and fees based on the recommended course load per year.

Domestic Students

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2	\$18,000	\$1,570	\$19,570
Total cost:				\$19,570

International Students

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2	\$22,000	\$1,570	\$23,570
Total cost:				\$23,570

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 a power-user hardware and software requirement. See the specific requirements on our [computers and laptops page.](#)

Specifications	PC computers	Mac computers
Processor	i7	i7

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RAM	32GB	16GB
Storage	512 GB SSD	512GB SSD
Video card	Nvidia Quadro T1000	AMD Radeon Pro
Screen size	15"	15"
Screen resolution	1920x1080	1920x1080
OS version	Windows 10 Pro 64-bit	Mac OS Catalina or newer
Approximate price (CAD)	\$3,000	\$2,750
Suggested model	Lenovo ThinkPad P1 Gen 3 16"	Macbook Pro case model

Required equipment/tools

Students will require their own cloud computing services subscription to CloudMyLab, approximately \$800 – \$1,200 per year.