Information Security Analyst

SCHOOL FOR ADVANCED DIGITAL TECHNOLOGY

Overview

Are you ready to become a frontline defender of digital assets in the cybersecurity world? Our Information Security Analyst program is your gateway to this growing field.

Whether you've completed related post-secondary studies or have valuable work-related technology experience, we'll equip you with the skills to identify, investigate and mitigate cyber threats.

In this program, you will learn to:

- thwart cyber threats by learning to detect and assess threats that loom over modern businesses
- conduct real-world analysis by applying your analytical skills to examine and understand the who, what, and why behind these incidents
- become an asset to organizations by helping them strengthen their security posture by proposing practical solutions that mitigate risks based on your knowledge of industry-standard frameworks
- review, analyze and evaluate incoming threats, providing actionable insights that influence critical decisions.

As an information security analyst, you will safeguard sensitive data, ensure business continuity and protect the reputation of organizations.

Cybersecurity threats impact not only an organization's technology, but their overall strategy and operations. The demand for skilled professionals in the computer security field is soaring, making it a career path with promising prospects. Other roles include cybersecurity consultant, chief information security officer, risk management specialist or compliance officer.

Become the shield that safeguards IT systems, networks, and digital assets from potential disasters. Complete this program, and you will be on your way to making a tangible impact on the safety and success of businesses and organizations.

Traits, skills and aptitudes

People in the cyber security field tend to be innovative, objective, and directive.

You need:

- analytical skills
- communication skills
- an inquiring and inventive mind
- an eye for details
- patience and an organized approach to troubleshooting
- decision-making and problem-solving skills
- math and science skills
- teaching skills
- time-management skills
- high ethical standards.

You should enjoy being innovative, working with others or on your own and doing your work with precision.

To do well in this program, you should understand the importance of cybersecurity, and be intrigued by how critical infrastructure and operations technologies can be compromised and want to protect these assets.

Practicum, Co-op and Work Integrated Learning

You'll participate in a capstone project incorporating all the skills you've learned to solve complex, security-related issues.

Accreditations, designations and certifications

Once you graduate, you'll be prepared with the knowledge to challenge the CompTIA Security+ exam and earn your certification.

Credentials

Upon successful completion of this program, you'll receive a SAIT Information Security Analyst post-diploma certificate.

Admission requirements

Applicants educated in Canada

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

- a post-secondary degree or diploma from a recognized university, institute, or college.

A combination of education and experience may be considered 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 accepted educational documents and assessment options.

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

Costs

2026/27 tuition and fees

The following estimated costs are effective as of July 1, 2026.

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	$14,742	$1,764.50	$16,506.50
			Total cost:	**$16,506.50**

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 2026/27 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	$27,054	$1,764.50	$28,818.50
			Total cost:	**$28,818.50**

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 $1,000 - $1,500 per full-time year.

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.

The textbooks you require will be discussed in class. You do not need to purchase them ahead of time.