



Cyber Security Analyst

SCHOOL FOR ADVANCED DIGITAL TECHNOLOGY

Overview

Are you ready to take your IT career to the next level and become a cybersecurity expert? With cybercrime on the rise and ever-increasing digitalization, there has never been a better time to enhance your skills and join the ranks of cybersecurity professionals.

The Cyber Security Analyst program is the first of its kind in North America to offer apprenticeship-style training in the cybersecurity field.

This program is for employers interested in developing competencies within their in-house security team. As 51% of training is done in the workplace, your employer must sponsor you for this program.

Our program will equip you with the knowledge and expertise you need to thrive in this expanding field. Whether you're an IT enthusiast looking to pivot your career, a seasoned professional or a software engineer seeking to stay ahead of the curve, this computer security program is your ticket to success.

In this program, you will:

- gain a solid grounding in cyber security risk and compliance
- learn how to respond to and mitigate cyber incidents swiftly
- understand how to safeguard critical data and infrastructure from relentless cyber threats
- acquire the ability to enhance security operations and drive business value.

Taught by industry-seasoned instructors, our program delivers a hands-on and immersive learning experience that covers a range of cybersecurity domains, best practices and cutting-edge technologies. You'll delve into the fascinating world of cyber threats, ethical hacking, vulnerability assessment and more.

As a cyber security professional, you'll be at the forefront of safeguarding digital assets and ensuring your business or organization's resiliency and peace of mind. This field is in high demand and offers competitive salaries and the opportunity to safeguard business operations. Our program can help you get there.

Traits, skills and aptitudes

Those working in the cyber security analysis field tend to be innovative, objective and directive.

You need:

- analytical skills
- 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
- math and science skills
- teaching skills
- time-management skills.

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

Professional designations and certifications

Once you graduate, you'll be prepared with the knowledge to take the Security+ and Comp Tia+ exams and earn your certifications.

Credentials

Upon successful completion of this program, you will be awarded a SAIT Cyber Security Analyst post-diploma certificate.

Practicum, Co-op and Work Integrated Learning

You'll participate in a cooperative work term course, allowing you to apply your classroom learning in a practical workplace setting and gain valuable industry experience.

Admission requirements

Applicants educated in Canada

Applicants must demonstrate [English language proficiency](#) and meet the following requirements or equivalents:

- your current employer must sponsor you
- you have completed a post-secondary degree or diploma from a recognized university, institute or college
- 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

2024/25 tuition and fees

The following estimated costs are effective as of July 1, 2024.

Domestic Students

Length of program	Tuition fees	Additional fees	Total
52 weeks (spread over 18 months)	\$12,240	\$1,742	\$13,982
Total cost:			\$13,982

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

Books and Supplies

Books and supplies are approximately \$2,300 per full-time year.

This is a bring-your-own-device program with a custom hardware and software requirement. The recommended hardware and software requirements are:

- Processor: i7
- RAM: 16 GB or greater
- Storage: 512 GB SSD or greater
- Video card: onboard integrated
- Screen size: 15" or greater
- Screen resolution: 1920 x 1080 or greater
- OS version: Windows 10 Pro 64-bit with antivirus/malware protection
- Approximate price (CAD): \$1,800

Find your booklist on the [SAIT Bookstore's](#) website. The booklist will be available closer to the program start date.

Can't find your program or course? The bookstore didn't receive a textbook list. Contact your program directly to determine if they're still refining course details or if you're in luck; no textbook purchase is required this term.