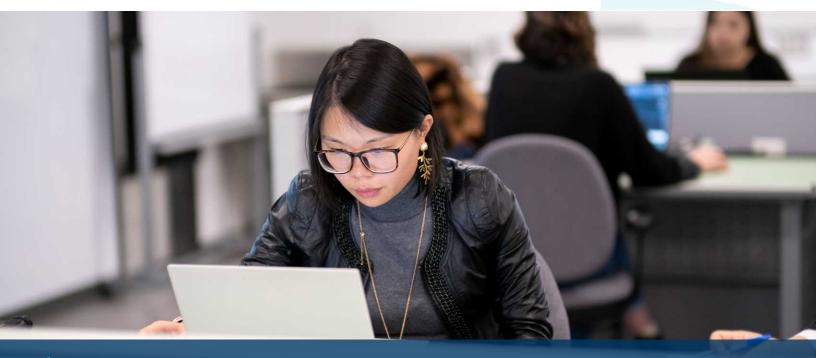Scan here

Cloud Security

Ontario College Graduate Certificate | 1 year
Davis Campus (Brampton)

Learn to navigate the unique security challenges of cloud environments.

Specialized training for an in-demand role

As the use of cloud computing grows, so does the need for professionals who can navigate and secure cloud environments. Stand out to employers with a graduate certificate focusing specifically on cloud security — the first credential of its kind offered by Ontario public colleges. In just eight months, you'll understand theory behind cloud security and know how to apply it in real-world scenarios.

Comprehensive curriculum

This program covers a wide range of topics that provide a well-rounded understanding of cloud principles and practices, including:

- Linux operating systems.
- Designing and securing infrastructures in cloud-based ecosystems.
- Vulnerability management strategies.
- Unique challenges and solutions within cloud architectures.
- DevSecOps software development best practices.

Start or advance your cloud security education journey

No previous cloud security training is required for entry into this specialized program. It could be your first step towards further education in the field, including an Amazon Web Services (AWS) certification. It can also enhance your existing computer science expertise or complement other graduate certificate programs at Sheridan, such as Internet of Things and Machine Intelligence.

Career opportunities

The technical knowledge and hands-on experience you gain in Sheridan's Cloud Security graduate certificate program will prepare you to work in a variety of roles that enhance the security of cloud environments.

YOU MAY FIND JOBS SUCH AS:

Cloud Security Analyst

Cyber Security Engineer

Cloud Security Analyst

Security Analyst

Courses

SOME OF THE COURSES YOU CAN EXPECT TO TAKE IN YOUR PROGRAM

Cloud Security: Advanced Networking

Cloud: Vulnerability Management

Cloud Security: Data and Infrastructure Protection, Secrets Management

Cloud: Incident Response

Linux OS, Shell Scripting

Network Fundamentals and Cloud Networking

Admission Requirements

Program eligibility

Postsecondary diploma, advanced diploma or degree in information technology, computer science or equivalent fields.

Applicants applying with a degree in science will be reviewed on a case-by-case basis.

Applicant selection

Candidates to the program are selected on the basis of academic achievement.

Individual applicants outside of the fields identified may be selected on the basis of postsecondary academic achievement and related work experience (as determined by the college).

Applicants who do not meet the admission requirements for this program may be advised individually regarding other related programs.

English language proficiency

All applicants whose first language is not English must meet Sheridan's English proficiency requirements.

Refer to the website for full admission requirements.

How to apply:
5 easy steps

1 Find your program

2 Check the admission requirements

3 Apply online

4 Submit your documentation

5 Accept your offer

Ready to get started?

sheridancollege.ca/apply

Visit us!

Come say hello and get a feel for your future! We offer:

- Campus tours (in-person & virtual)
- Open Houses in the Spring and Fall
- Weekly webinars
- Career Advising Workshops

sheridancollege.ca/future-students