



	Duration 3 years (6 semesters, 2670 hours)		Schedule Full-time Daytime		Languages of Instruction English, French		Methods of Instruction On-campus, Online
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Prepare for a dynamic career in IT infrastructure and cybersecurity with a program that combines hands-on technical skills, cloud computing, and advanced network administration using Cisco technologies. You'll master operating systems, server management, virtualization, Azure cloud services, and enterprise networking, while developing expertise in cybersecurity and automation. Through practical projects and professional integration, you'll gain the knowledge and experience needed to manage networks securely, protect digital assets, and thrive in today's technology-driven world.

Career Prospects

Public Safety Canada emphasizes the importance of safeguarding vital sectors for Canadians. Network and Security Management offers well-paid, globally transferable roles.

In fact, a very high demand in this field prompted Québec's "Opération main-d'œuvre" in 2021.

Career Fields

- Network Administrator
- Systems Administrator
- Network Manager
- Technical Support Technician
- Cybersecurity Operator
- Cybersecurity Analyst
- Network Infrastructure Installer

Opportunities

Our unique approach incorporates real-world experience with classroom learning for hands-on, practical education.

- Collaborate with active industry professionals;
- Sharpen skills in a practical setting;
- Join our computer club to maintain connections with companies and to attend several events and workshops.

Cutting-edge Facilities and Equipment

Experiment with industry-standard equipment, software, and technology in our advanced facilities, including:

- FLEX classrooms,
- Active learning classrooms,
- Fully equipped computer lab,
- And many others!

Actively participate and collaborate with teachers using these specialized facilities, boosting your motivation and confidence.

Diploma and Accreditation

This Diploma of College Studies (DCS) is accredited by the ministère de l'Enseignement supérieur of Québec and is internationally recognized.

Holders of a Diploma of College Studies (DCS) can pursue university studies or enter the workforce directly.

Work Experience

Our Computer Science Technology - Network and Security Management program also includes a **270-hour internship** as part of the curriculum.

**For this program, you'll
need to use your own
computer equipment.**

[SEE REQUIREMENTS](#)



Tuition

Estimate the cost
of your studies
in 4 easy steps.



[CALCULATE MY FEES](#)

Admissions Criteria

Exceptions to these admission criteria may be applied.

Every application is reviewed by the College.

To be eligible for acceptance into this program, applicants are generally required to meet one of the following criteria:

- Secondary School Diploma (SSD).
- Diploma of Vocational Studies (DVS) with completion of:
 - Language of Instruction from Secondary 5,
 - Second Language from Secondary 5,
 - Mathematics CST 4 (or Math 436).
- Equivalent education or instruction deemed sufficient.

List of Courses

Diploma of College Studies (DCS) programs consist of:

- General education courses common to all programs,
- General education courses specific to the program,
- Complementary general education courses.

General Education Courses

- 3 Physical Education courses (90h)
- 3 Humanities courses (150h)
- 4 Language and Literature courses (240h)
- 2 Second Language courses (90h)
- 2 Complementary course (90h)
(depending on eligibility, 1 French Literature course)

Concentration Courses

You must take 2 concentration courses in French.

- Applied Mathematics (60h)
- Hardware and Software Technical Support (75h)
- Client Operating System (60h)
- Open Source Operating Systems I (60h)
- Introduction to Virtualization and Cloud Computing (75h)
- Azure Fundamentals (60h)
- Networking, Routing and Switching (150h)
- Server Operating System I (60h)
- Networking, Security and Automation (75h)
- Open Source Operating Systems II (60h)
- Server Operating System II • (75h)
- Cybersecurity I (90h)
- Azure Administration (60h)
- Server Operating System III (75h)
- Programming and Scripting Languages (90h)
- Enterprise Networks I (75h)
- Installation and Configuration of a Mail Server (90h)
- Professional Integration (45h)
- Azure Security (60h)
- Enterprise Networks II (75h)
- Skills-integrating Case Study (105h)
- Management of an IT Infrastructure (75h)
- Workplace integration:
 - Network Management and Security (270h)
 - Cybersecurity II (90h)

* The College reserves the right to substitute some courses.