



Duration

2 years, 4 semesters / 3 years,
6 semesters 2010 hours



Schedule

Full-time
Daytime



**Languages
of Instruction**
English, French



**Method
of Instruction**
On-campus

Develop your skills in IT infrastructure and cybersecurity using Cisco, Microsoft Azure and Linux technologies to effectively manage enterprise networks in a secure environment. This program prepares you concretely for the realities of the job market through hands-on projects, virtualization, cloud computing and automation. Continuously updated, this program leads to the obtainment of numerous industry-recognized certifications, including : Cisco (CCNA and CCNP), Microsoft (Azure) and CompTIA Security+.

Career Prospects and Career Fields

The information technology sector holds a central place in Quebec's economy, present across diverse industries such as IT services, finance and the cultural sector. The growing complexity of networks, data protection and the rise of cloud computing maintain a sustained demand for qualified professionals capable of managing and securing the digital infrastructures of organizations. A career in this field means choosing a sector in constant transformation, where technical skills always make a difference.

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

Diploma and Accreditation

This Attestation of College Studies (ACS) is approved by the ministère de l'Enseignement supérieur of Québec and is internationally recognized.

ACS programs are part of continuing education and destined primarily for adults seeking to add value to their skill set or reorient their career.

A student without a Certificate of eligibility (CEO) who begins an ACS program in English will be required to demonstrate sufficient knowledge of French, as defined by the regulations of the Ministère de la Langue française, in order to graduate.

Montréal

2000, Sainte-Catherine Street West - 514 939-2006

Laval

1595 Daniel-Johnson Blvd. Suite 200 - 514 939-2006

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

SEE REQUIREMENTS



Admissions Criteria

Exceptions to these admission criteria may be applied. Every application is reviewed by the College. To be eligible for acceptance into an ACS program, applicants are generally required to meet one of the following criteria:

- Have interrupted their full-time studies for at least two (2) consecutive semesters or one (1) full school year; or
- Have followed post-secondary studies for a period of at least one (1) year; or
- Have a Secondary School Diploma (SSD) or a Diploma of Vocational Studies (DVS), and the program allows them to receive a technical training that is not available in a DCS program; or
- Have an equivalent education or an instruction deemed sufficient and meet the admission criteria set for college studies.

Concentration Courses

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

* The College reserves the right to substitute certain courses.