



 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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Developed together with the industry, LaSalle College's DCS in Computer Science Technology - Network Security Management trains experts to manage physical and cloud-based networks and teaches the key concepts of cybersecurity. Pave the way to job opportunities in the industry thanks to our program focused on Cisco, Microsoft and Linux technologies. Teachers who are IT professionals will get you ready for CCNA, CCNP, A+, MCSA and LPIC certifications.

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

- Computer Network Technician,
- IT Analyst and Consultant,
- Multi-Platform System and Network Administrator,
- User Support and Computer Maintenance Technician,
- Internetworking Equipment Programmer,
- Network Manager,
- Network Security Technician,
- Network Infrastructure Installer (routers, switches, cabling, etc.).

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

Get sought-after practical experience with our Career Service and our **Work-Study Program (WSP)**, which incorporates **two internships** into your program.

Our Computer Science Technology - Network and Security Management program also includes a **255-hour internship** as part of the curriculum.

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





Tuition

Estimate the cost of your studies in 4 easy steps.



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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) with completion of:
 - Mathematics TS, SN Secondary 4 or CST 5 (Math 436).
- Diploma of Vocational Studies (DVS) with completion of:
 - Language of Instruction from Secondary 5,
 - Second Language from Secondary 5,
 - Mathematics TS, SN Secondary 4 or CST 5 (Math 436).
- Equivalent education or an 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

College-level institutions emphasize general education that focuses on core cultural knowledge, skill development, responsible citizenship, and shared cultural heritage.

Alumni have a well-rounded skill set and general knowledge that is valued in the workplace.

- 3 Physical Education courses (90h)
- 3 Humanities courses (150h)
- 4 Language and Literature courses (240h)
- 2 Second Language courses (90h)
- 1 Complementary course (45h)
- 1 French Literature course (45h)

Concentration Courses

You must take 2 concentration courses in French.

- Applied Mathematics (60h)
- Introduction to Networks (75h)
- Computer Technical Support (75h)
- Installation and Configuration of a Client Operating System (60h)
- Installation and Configuration of a Free Operating System (75h)
- Routing and Switching Essentials (75h)
- Scaling Networks (75h)
- Installation and Configuration of a Server Operating System (60h)
- Administration of an Open Source Operating System (60h)
- Programming and Scripting Languages (90h)
- Connecting Networks (75h)
- Security of a Network Infrastructure (75h)
- Advanced Administration of an Open Source Operating System (60h)
- Implementation of Directory Services (75h)
- Advanced IP Routing (75h)
- Implementation of Network Services (75h)
- Administration of Open Source Network services (60h)
- Advanced IP Switching (75h)
- Installation and Configuration of an Email Server (90h)
- Professional Integration (60h)
- Internship (255h)
- Troubleshooting IP Networks (75h)
- Integrating Competencies in a Case Study (105h)
- Management of an IT Infrastructure (75h)

* The College reserves the right to substitute some courses.