DAY | 4 SEMESTERS
1290 hours

AEC
LEA.99

Using Cisco and Microsoft technologies, the Network Management course (AEC) will facilitate student acquisition of computer skills related to network development and management. Developed with the latest technology to meet the market's needs, the courses of this program will provide the students with a strong competitive advantage and access to many careers in this ever-changing industry.

The networking management program teaches the skills and knowledge to install intranet hardware and the software, and specific Cisco, Microsoft and Linux technology competencies.

The frequently updated Network Management program leads to a number of certifications recognized by the job market including: Cisco (CCNA and CCNP), CompTIA (A+), Microsoft (MCSA) and LPIC.

Career Prospects

Upon completion of the program, graduates will be able to make the most of their skills and work in a number of possible positions:

- Local Network Administrator for Windows (recent technology) or Linux
- Local Network Manager for Microsoft (recent technology) or Linux
- Network Routing Specialist
- Network Security Technician
- Network applications programming: Intranet, Internet and Extranet
- Computer Technician
- Technical software maintenance for computer networks
- Network Computer Consultant
- Help desk

Admission Criteria

- Have deemed sufficient computer skills
- Have a training sufficient and meet the admission criteria set for college studies

Cisco Networking Academy

For more than 20 years, LaSalle College has been a member of the prestigious Cisco Networking Academy, which allows it to offer its students exclusive and sought-after certifications.

CISCO

Networking Academy

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Diploma

This program leads to an Attestation of College Studies (AEC).

Concentration Courses

- Open Source Operating System (75 h)
- Introduction to Networks (75 h)
- Routing and Switching Essentials (75 h)
- Computer Technical Support (75 h)
- Client Based Operating System (75 h)
- Server Based Operating System (75 h)
- Scaling Networks (75 h)
- Connecting Networks (75 h)
- Implementation of Directory Services (75 h)
- Implementation of Network Services (75 h)
- Scripting languages (45 h)
- Network Services based an Open Source Operating System (75 h)
- Advanced Routing and Switching (90 h)
- Implementation of Network Security (90 h)
- Implementation of a Mail Server (75 h)
- Deployment of an Enterprise Multiplatform Network (90 h)
- Voice Over IP (75 h)

* The College reserves the right to substitute certain courses.

Computer Club

The school includes a student-run computer club, which provides support to new computer science students and organizes sports and cultural activities.

Bring Your Own Device

The use of a laptop computer is mandatory. This laptop must be equipped with the Windows operating system to work with all software. Standard or student license software must be installed when requested by teachers.

The following features are required for PCs:

- Processor: Intel I5 or AMD A8 compatible with VT-X virtualization
- Memory: 8 GB minimum
- Hard drive: 1 TB minimum
- Screen: 14 inches minimum
- Connectivity: USB 3.0, Wi-Fi and NIC LAN

You will need a USB-RJ45 adaptor if your laptop doesn't have a network jack.

Required software: Office suite.

Targeted Professional Certifications

- CCNA (Cisco certified network associate), exploration version 4.0
- MCTS – SPECIALIST IN TECHNOLOGY
- MCITP: SERVER ADMINISTRATOR
- MCITP: ENTREPRISE ADMINISTRATOR
- LPI (Linux professional Institute)
- A+ et Network + de CompTIA

Methods of Instruction

On-campus

- At the Montréal campus

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