



LaSalle College

NETWORK MANAGEMENT (CISCO AND MICROSOFT)

AEC ATTESTATION OF COLLEGE STUDIES DAY | 3 SEMESTERS

LEA.99

Using CISCO and Microsoft technologies, the **Network Management program (AEC)** program 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 and Microsoft technology competencies.

Are you looking to begin or reorient your career? If yes, this program is for you.

EMPLOYMENT 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

THIS PROGRAM PREPARES STUDENTS FOR THE FOLLOWING 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





PROGRAM CONTENT

SPECIALIZED TRAINING

- System Hardware Architecture
- Local Network Implementation
- Structured Programming
- Router Configuration & Installation
- Network Server Administration
- Routers configuration
- WAN Implementation
- Linux Operating System
- Routers Installation
- Network Infrastructure Administration
- Novell Network Administration
- Management of a Messaging Server
- Server Database Administration
- Network Security
- Final Project in Networking
- Network Technical Support

ADMISSION CRITERIA

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

PARTICULAR CONDITIONS

All students must bring their own laptop in class. The required configuration must include :

- CPU: Intel i5 or AMD A8 or more with a VT-X virtualization support.
- RAM : 8 GB or more
- Hard drive: 500 GB HDD or more, or 256 GB SSD or more
- Connectors: USB 3.0, NIC LAN and Wifi. Plan an USB-RJ45 adaptor if the laptop doesn't have a network port.

Note : A MacBook Air will not be accepted. Students who want to use a Mac computer must have a MacBook Pro with characteristics similar to the list above.

COMPUTER CLUB

The school supports a student-run computer club to counsel and support new computer science students and to organize sports and cultural activities.

