Specialization in Business Intelligence

2 SEMESTERS | EVENING
795 hours

AEC
LEA.D7

In the Specialization in Business Intelligence program, students will learn about a company's different departments and how they interact. They will learn about the design and modelling of an information system within the context of business intelligence.

This program will help students perfect their understanding of elements that interact with databases, such as the language SQL. They will also come to understand the challenges involved in data collection and learn how to practise data integration, analysis and visualization using business intelligence tools such as Microsoft's BI suite.

This program will enable students to develop skills that will be applied to meet complex organizational needs and sustain an innovative culture.

Diploma

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

Admission Criteria

Students must meet one of the following criteria:

- Have obtained a DEC in Computer Science Technology
- Training considered sufficient by the College
- Professional experience considered sufficient by the College
- Combination of training and professional experience considered sufficient by the College

Training Objective

In the Specialization in Business Intelligence program, students will be trained on the most cutting edge concepts and technologies to progress in the field of business intelligence.

Target Clientele

You are interested in data warehouse modelling and data integration, analysis and visualization in business intelligence? This training is for you.

2000, Sainte-Catherine Street West
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LaSalle College
Montréal

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Concentration Courses

- Primary Functions of an Organization (45 h)
- Databases (90 h)
- Database Programming (60 h)
- Dimensional Modeling (60 h)
- Integration and Analysis of Business Data (90 h)
- Presentation of Business Data (60 h)
- Problem Solving in a Company (90 h)
- Internship or Final Project (300 h)

*The College reserves the right to substitute some courses.

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:

- Business intelligence analyst
- SQL developer
- BI data analyst
- BI analyst
- BI technician

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: 500 GB 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 (Excel and Power BI).

Computer Club

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

Methods of Instruction

On-campus

- At the Montréal campus

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