AEC ATTESTATION OF COLLEGE STUDIES
DAY | 4 SEMESTERS

LEA.3Q

Computer science, the most widespread technology tool of our time, offering the greatest possibilities for research and development, represents the best way to ensure a stable and promising career.

The **Information technology programmer-analyst program (AEC)** trains students to locate, collect and analyze data on the information processing needs of users; to carry out data modeling and processing using fourth generation software; and to configure network applications.

This **programming course** students with quality training and prepares them to break quickly into the job market. The program will prepare students for one of the following certifications: **CompTIA A+**, **Microsoft MCSD (Visual Basic .NET, Visual C++, etc.)** and **Oracle OCA (SQL, PL/SQL).**

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:

- Programmer Analyst
- Technical Support
- Analyst and Management-Software Developer
- Technical Maintenance of Computers and their Peripherals
- Database Designer
- Computer Consultant

PROGRAM CONTENT

SPECIALIZED TRAINING

- Application Database Development
- Data Processing Basics
- Structured Programming: C++
- Applied Mathematics
- Computer Architecture
- Communication and Interfaces
- Introduction to Object-Oriented Programming
- Operating systems: Windows 2000, Linux
- Databases
- Advanced Object-Oriented Programming
- Data Structure: C#
- Information System Development
- Computer Terminology
- Computer Networks
- Event Programming
- Internet Programming I
- Advanced Databases
- Internet Programming II
- Internship I
- Internship II

ADMISSION CRITERIA

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

PARTICULAR CONDITIONS

The students must have a personal computer or be willing to purchase one before beginning the program.

DISCLAIMER

Course content of the Attestation of Collegial Studies (AEC) program is given for information purposes only. LaSalle College reserves the right to change, modify, add or remove one or several software programs or programming languages from the curriculum at any time. Any such changes will, however be made without affecting either our stated teaching objectives.

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.

INTERNSHIPS

Students must complete their attestation with a 270 hours internship within a business.

SOFTWARE USED

Windows (latest technology) and LINUX

PROGRAMMING LANGUAGES

Java, C#, Microsoft Visual Studio .NET, Microsoft ASP.NET technology, HTML, ORACLE, SQL, Microsoft Visual C++, UML, Flash Action Script, PL/SQL, JavaScript.

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