



Duration
18-24 months
(4 semesters, 1650 hours)



Schedule
Full-time
Daytime



**Languages
of Instruction**
English, French



**Method
of Instruction**
On-campus

Process and decipher programming codes and bring out the analyst in you with the Information Technology Programmer-Analyst ACS program. Get qualified as a programming and analysis expert by meeting user needs, modeling data and managing network applications. You'll then be ready for CompTIA A+, Microsoft MCSD or Oracle OCA certification.

Career Prospects and Career Fields

According to Job Bank, projections for Technology Programmer and Analyst employment show increased growth and many new positions created.

By consistently ensuring software maintenance and updates, programmers play an essential role in the IT world, creating new software and optimizing their everyday use.

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

Diploma and Accreditation

This Attestation of College Studies (ACS) is approved by the ministère de l'Enseignement supérieur of Québec and is internationally recognized.

ACS programs are part of continuing education and destined primarily for adults seeking to add value to their skill set or reorient their career.

A student without a Certificate of eligibility (CEO) who begins an ACS program in English will be required to demonstrate sufficient knowledge of French, as defined by the regulations of the Ministère de la Langue française, in order to graduate.

Montréal
2000, Sainte-Catherine Street West - 514 939-2006

Laval
1595 Daniel-Johnson Blvd. Suite 200 - 514 939-2006

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



SEE REQUIREMENTS

Admissions Criteria

Exceptions to these admission criteria may be applied. Every application is reviewed by the College. To be eligible for acceptance into an ACS program, applicants are generally required to meet one of the following criteria:

- Have interrupted their full-time studies for at least two (2) consecutive semesters or one (1) full school year; or
- Have followed post-secondary studies for a period of at least one (1) year; or
- Have a Secondary School Diploma (SSD) or a Diploma of Vocational Studies (DVS), and the program allows them to receive a technical training that is not available in a DCS program; or
- Have an equivalent education or an instruction deemed sufficient and meet the admission criteria set for college studies.

List of Courses

ACS programs are based on DCS program curricula, but do not have general education courses like French, English, or Philosophy.

Concentration Courses

- Databases I (90h)
- Applied Mathematics (60h)
- Algorithms and Programming (90h)
- Computer Architecture (75h)
- Computer Tools (45h)
- Introduction to Web Development (45h)
- Object Oriented Programming Concepts (90h)
- Operating Systems and Networking (60h)
- Web Client Development (90h)
- Information System Analysis and Modeling (90h)
- Databases II (60h)
- Web Server Applications Development I (90h)
- Advanced Object-Oriented Programming (75h)
- iOS Mobile Development (75h)
- Scripting Language (60h)
- Multi-tier Applications Development (90h)
- Web Server Applications Development II (75h)
- Android Mobile Development (75h)
- Trends in Technology (60h)
- Internship (255h)

* The College reserves the right to substitute certain courses.