



	Duration 2 years, 4 semesters / 3 years, 6 semesters (1860 heures)		Schedule Full-time Daytime		Languages of Instruction English, French		Method of Instruction On-campus, online
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This modern program combines theory and practice to train you in programming, algorithms, databases, and web and mobile development (Android and iOS). You'll also develop skills sought after by employers, such as UI/UX Design. Through hands-on projects, agile methodologies (Scrum), and industry tools (GitHub, cloud), you'll become a versatile programmer, ready to enter the job market.

Career Prospects and Career Fields

According to Job Bank, employment prospects for computer programmers and developers are moderate for 2025-2027, with the creation of a few new positions and opportunities arising from retirements. By consistently ensuring software maintenance and updates, programmers play an essential role in the IT world, creating new software and optimizing their everyday use.

Career Fields

- Android Application Developer
- iOS Application Developer
- Application Quality Assurance Specialist
- Web Application Developer (Front-end, Back-end, and Full Stack)
- Microservices Developer
- Application Quality Assurance Specialist
- Object-Oriented Application Developer (.Net, Java, Kotlin, C#)
- Application Quality Assurance Specialist
- Data Science Analyst
- Machine Learning Developer

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 computer skills that are deemed sufficient; and
- 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 (DES) 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.

Concentration Courses

• Applied Mathematics to Computer Science	(60 h)
• Computer Architecture	(45 h)
• Algorithms and Programming	(90 h)
• Web Client Development I	(90 h)
• Databases I	(90 h)
• Object-oriented Programming Concepts	(90 h)
• Web Client Development II	(90 h)
• Web Server Application Development I	(90 h)
• UML Modeling	(60 h)
• Operating System and Networking	(45 h)
• Multi-tier Application Development	(90 h)
• Scripting Language	(75 h)
• Databases II	(60 h)
• Advanced Object-Oriented Programming	(75 h)
• Data Structure	(90 h)
• Professional Integration	(45 h)
• Android Mobile Development	(75 h)
• Web Server Application Development II	(75 h)
• iOS Mobile Development	(90 h)
• Information System Implementation	(90 h)
• Web Server Application Development III	(75 h)
• Workplace Integration: Programming	(270 h)

* The College reserves the right to substitute certain courses.