



# COMPUTER SCIENCE TECHNIQUES (AEC)

2 YEARS | 4 SEMESTERS  
(WITH INTERNSHIP)

Computer Science Technology Software Testing program prepares students to work with Business requirements and design test plans, write test cases, testing applications using functional and automated testing methods.

**At the end of the program, the students will be able to perform the following tasks:**

- Create and manage software documentation.
- Determine main functions of an application to solve the business problems.
- Program with various programming languages, including Web-based and object Oriented technologies.
- Design databases.
- Test application using functional and automated techniques.
- Identify defects and update them into defect tracking tools.



**Cégep de la Gaspésie  
et des Îles**

CAMPUS DE MONTRÉAL



## PROSPECTIVE JOBS

- Software Analyst
- Software Tester
- Business Analyst



## ADMISSION CONDITIONS

- Bachelor's Degree, diploma or recognized equivalent with a minimum of 15 years of formal education
- Fluency in English with an overall band score of 6 of IELTS nothing less than 6 or overall band score of 6.5 of IELTS nothing less than 5.5 in any one individual module
- Applicant must be at least 18 years old



## COURSE LIST

COURSE CODE	COURSE TITLE	COURSE CODE	COURSE TITLE
420-SE1-GX	Introduction to Operating Systems	4420-PZ6-GX	Database Design II
420-TZ1-GX	Requirements Gathering	420-PZ4-GX	Introduction to Object-Oriented Programming
420-ZE2-GX	Introduction to UNIX, Linux and the Internet	420-TZ2-GX	Manual Software Testing
601-CM1-GX	Applied Professional Communications	420-BZ2-GX	Big Data
420-PZ0-GX	Algorithms	420-PZ5-GX	Web Programming
420-TZ4-GX	Software Testing Tools	420-TZ3-GX	Automated Testing Tools
420-PZ1-GX	Introduction to Programming	420-ZT(1-2)-GX	Information Session for Internship / Project
420-PZ2-GX	Introduction to Database Design	420-ZT(1-2)-GX	Internship / Project
420-PZ3-GX	Internet Fundamental and Scripting		

### PROGRAM INTAKES

September | January | May

### LANGUAGE OF INSTRUCTION

English

### LOCATION OF COURSE DELIVERY

Montreal

1001 Sherbrooke East, 207, Montreal, Quebec, Canada, H2L 1E3

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