

# COMPUTER SCIENCE TECHNOLOGY

CERTIFICATE HOLDERS

## THE PROGRAM

The Computer Science Technology program has a practical approach and emphasizes the use of industry-sought structured and object-oriented techniques. Unique to Lennoxville, the program also includes more in-depth coverage of networks, security, game programming, and connected objects. The program concludes with a stage where you will get a chance to apply your new skills in a real business setting.

**DID YOU KNOW...?** The CST program is available with the option of Alternance travail-études (ATE) with 2 work sequences during the summer sessions for students meeting eligibility requirements.

## IS THIS PROGRAM FOR YOU?

- ✔ You have a logical mind
- ✔ You have a passion for technology and innovation
- ✔ You enjoy solving puzzles
- ✔ You want a career that will never be boring



Read about  
this program  
on our website!





# PROGRAM GRID

## OVERVIEW

Total courses: 42

Total credits: 91 2/3

### WHAT DO YOU NEED TO GET IN?

- A Diploma of Secondary Studies (DES) or academic background judged equivalent to the DES
- Mathematics 436 or 564406 or 565406 (TS or SN Level 4) or 563504 (CST Level 5)

### APPLICATION DEADLINE

March 1st

### DEC-BAC PROGRAM

Graduates may continue their studies for two more years (full-time) to attain a baccalaureate degree in Information Technology (BAC).

**NOTE:** This program is available in the Fall semester only.

## SEMESTER 1

- Intro to College English	603-101-MQ
- French - General	602-10?-MQ
- Humanities – Knowledge	345-101-MQ
- <b>Productivity Tools</b>	<b>420-111-LE</b>
- <b>Programming I</b>	<b>420-120-LE</b>
- <b>Mathematics for IT</b>	<b>201-110-LE</b>
- <b>Working with People</b>	<b>350-110-LE</b>
- <b>Install and Manage Computers</b>	<b>420-130-LE</b>

## SEMESTER 2

- Physical Education 101	109-101-MQ
- English - Specific	603-B??-MQ
- French – Specific	602-BE?-MQ
- <b>Programming II</b>	<b>420-220-LE</b>
- <b>Help Desk</b>	<b>420-230-LE</b>
- <b>Front-End Web Development I</b>	<b>420-212-LE</b>
- <b>Object Oriented Programming I</b>	<b>420-240-LE</b>
- <b>Deploy Local Networks</b>	<b>420-250-LE</b>

## SEMESTER 3

- English 102 or 103	603-102/103-MQ
- Humanities - World Views	345-102-LE
- Physical Education 102 or 103	109-102/103-MQ
- <b>Front-End Web Development II</b>	<b>420-312-LE</b>
- <b>Deploy Intranet Servers</b>	<b>420-310-LE</b>
- <b>System Design</b>	<b>420-320-LE</b>
- <b>Object Oriented Programming II</b>	<b>420-340-LE</b>
- <b>Using Databases</b>	<b>420-351-LE</b>

## SEMESTER 4

- Humanities - Ethics	345-B??-LE
- Physical Education 102 or 103	109-102/103-MQ
- <i>Complimentary (in French)</i>	
- <b>Back-End Web Development</b>	<b>420-412-LE</b>
- <b>Cybersecurity</b>	<b>420-432-LE</b>
- <b>Internet of Things I</b>	<b>420-420-LE</b>
- <b>Mobile Applications I</b>	<b>420-451-LE</b>
- <b>Game Programming I</b>	<b>420-440-LE</b>

## SEMESTER 5

- English 102 or 103	603-102/103-MQ
- Complimentary	
- <b>Mobile Applications II</b>	<b>420-551-LE</b>
- <b>Full-Stack Web Development</b>	<b>420-512-LE</b>
- <b>Game Programming II</b>	<b>420-540-LE</b>
- <b>Internet of Things II</b>	<b>420-520-LE</b>
- <b>Explore New Technologies</b>	<b>420-550-LE</b>
- <b>Préparation de stage (in French)</b>	<b>420-589-LE</b>

## SEMESTER 6

- <b>Integrative Project</b>	<b>420-611-LE</b>
- <b>Stage (in French)</b>	<b>420-690-LE</b>