

# PRESS RELEASE



CÉGEP  
VANIER COLLEGE

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## **New for Autumn 2008: Computer Science and Mathematics Pre-university Science Program: (200.20)**

Vanier College is pleased to announce the creation of **Computer Science and Mathematics** a new pre-university Science Program (200.20) that will be offered to students starting in autumn 2008. According to recent job surveys, the top career in the field of science is Computer Engineering. Yet thousands of computer jobs will go unfilled over the next several years for lack of sufficient computer graduates. It is to attract more young people into this lucrative and promising career that Vanier was selected to offer this new program

The new two-year **Computer Science and Mathematics** pre-university program is specifically designed to give Cegep students a solid background in computer programming and mathematics suitable for them to face the demands of a computer related university degree. Until this year no such program existed in Cegep pre-university studies. Now students have a new choice of science studies from which to enter Computer Science, Computer Engineering, Software Engineering and other information technology related programs at the university level.

The entrance requirements are the same as for other Science programs, namely: Math 536 ,Chemistry 534 and Physics 534. The Program includes:

- 4 Mathematics courses (Calculus-I, Calculus-II, Linear Algebra and a new course in Discrete Mathematics)
- 4 New Computer Science courses (for software design using Object-Oriented programming)
- 3 Physics courses (Mechanics, Electricity and Magnetism, Waves and Modern Physics)
- 1 Chemistry course (General Chemistry)
- the same General Education courses common to all programs

Vanier decided to offer the new program because the College had seen that students from Vanier's Computer Science Technology program often decided to complete the extra science and mathematics courses necessary to pursue a university degree in a computer field. Feedback from those students indicated that the computer programming knowledge they'd acquired during their 3-year technology diploma was invaluable in their university studies. .Meanwhile, some their science graduates without a computer programming background, struggle to learn it on their own at university, because universities assume they already know how to write computer programs and spend little time teaching it.



Current Vanier Computer Science student Cristian Asenjo, sums up why students will benefit from the new program. “If I had known when I was applying to Cégep that there was a program that combined my two interests, Computer Science and Mathematics, I would have applied to this program. Instead I took a DEC in Science and am now completing a second DEC in Computer Science Technology. All this so that next year I can study Software Engineering at university”

The program will prepare students to be part of the fast-moving and challenging field of Information Technology where over 10,000 new jobs are expected in Qu bec in the coming years.

Apply online <http://sram.omnivoxx.ca> (deadline March 1, 2008)

For more information please contact: [csm@vaniercollege.qc.ca](mailto:csm@vaniercollege.qc.ca) or telephone (514) 744-7500 extension 6007