

# Computer Information Systems: Certificate

<b>Faculty of Business</b>	kpu.ca/business
<b>Implementation Date</b>	01-Sep-2011
<b>Start Date(s)</b>	September
<b>Admission Type</b>	Selective entry
<b>Enrolment Type</b>	Open enrolment
<b>Program Type</b>	Undergraduate
<b>Credential Granted</b>	Certificate
<b>Offered At</b>	Surrey
<b>Format</b>	Full-time Part-time
<b>How to Apply</b>	www.kpu.ca/admission

## DESCRIPTION

The Computer Information Systems Certificate (CISY) offers a unique practitioner-oriented approach to systems support and software development. Computer Information Systems courses are offered by the Computer Science and Information Technology department. All courses required for the certificate count as credit towards the Computer Information Systems diploma and the Bachelor of Technology in Information Technology (BTECH) degree.

Upon completion of the Computer Information Systems Certificate program students are encouraged to pursue the Computer Information Systems diploma program and subsequently, the Bachelor of Technology in Information Technology degree, to strengthen their IT skills and broaden their career options. Students interested in the CISY diploma and/or the BTECH degree program should consult a School of Business Advisor for course planning assistance.

With proper course planning CISY certificate students may also complete the requirements of the 60 credit General Business Diploma, which can then be used to gain entry to the following KPU degrees:

- Bachelor of Business Administration in Entrepreneurial Leadership
- Bachelor of Business Administration in Human Resources Management
- Bachelor of Administration in Marketing Management

## CAREER OPPORTUNITIES

Graduates of the Computer Information Systems Certificate Program may find employment in the following areas:

- Systems and user support
- Systems analysis and design
- Software development
- Web design and development
- Network administration

## PROGRAM ADMISSION REQUIREMENTS

### New Admission Requirements for September 2013

Program admission requirements for this program have changed for the Fall 2013 intake.

In addition to KPU's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

- Foundations of Mathematics 11 with a minimum grade of C+ (or equivalent), or Pre-Calculus 11 with a minimum grade of C (or equivalent).

## PROGRAM REQUIREMENTS

This program is available to students as a full-time or part-time study schedule and requires the completion of 30 credits.

### All of:

INFO 1111	Introduction to Computer Hardware and Software	3 credits
INFO 1112	Principles of Program Structure and Design	3 credits
INFO 1113	System Analysis and Design	3 credits
INFO 1211	Operating System Principles and Applications	3 credits
INFO 1212	Networking Technologies I	3 credits
INFO 1213	Web Application Development	3 credits
INFO 1214	Discrete Mathematics for Information Technology	3 credits
BUQU 1230	Business Statistics	3 credits
PHIL 1150	Introduction to Formal Logic	3 credits

### And one of:

CMNS 1110	Fundamentals of Business Communication	3 credits
CMNS 1140	Introduction to Professional Communication*	3 credits

### Notes:

\* Students choosing to take CMNS 1140 rather than CMNS 1110 may be required to undertake English upgrading.

## OTHER INFORMATION

Students enrolled in this program are expected to have their own laptop computers.

## CREDENTIAL AWARDED

Upon successful completion of this program, students are eligible to receive a **Certificate in Computer Information Systems**.