

FACULTY OF APPLIED SCIENCE & TECHNOLOGY

Computer Systems Technician – Software Engineering

A Computer Systems Technician – Software Engineering diploma is exceptionally marketable in our rapidly changing computer-driven world.

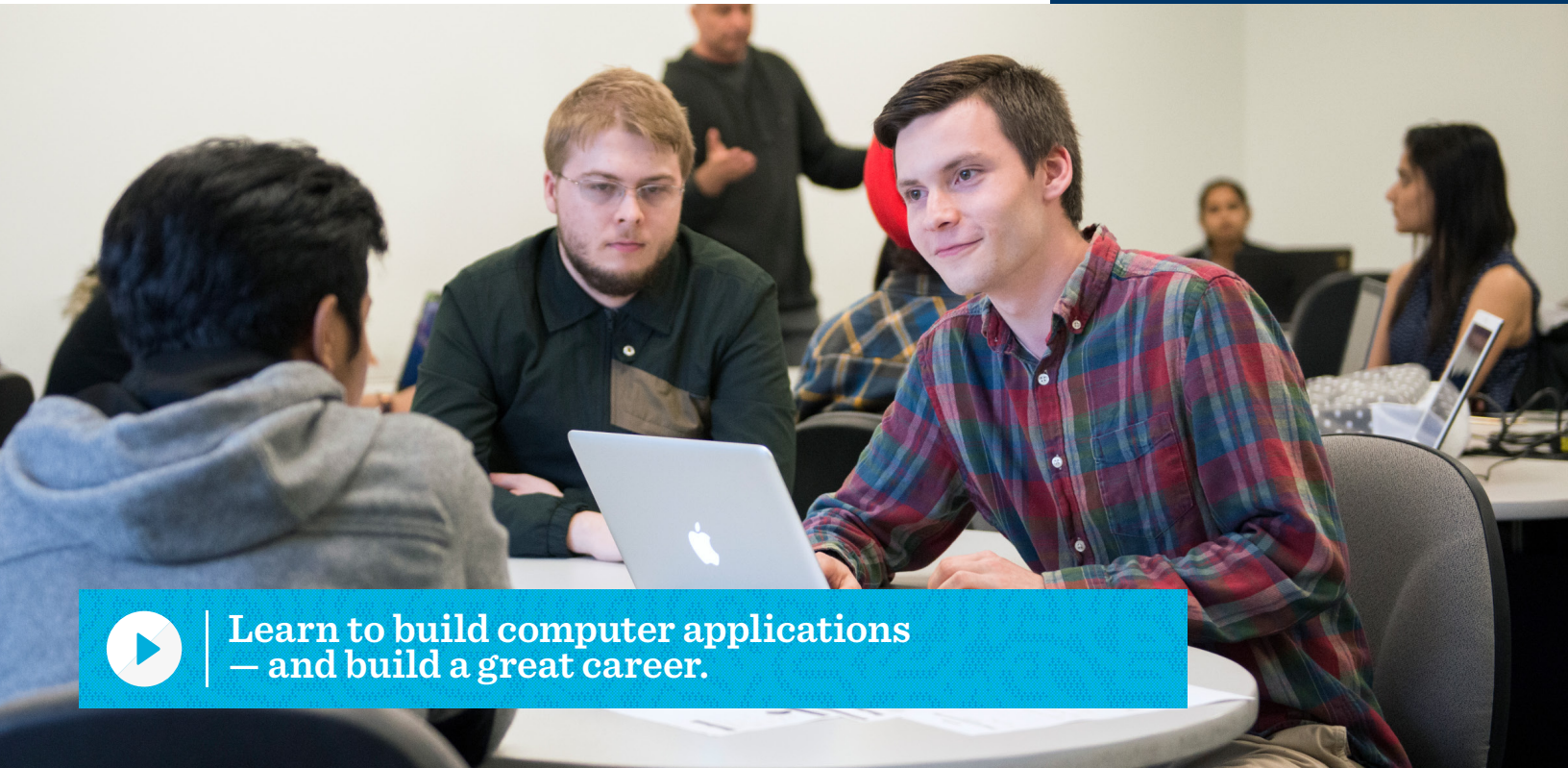
94%

Employer Satisfaction*
with the knowledge and skills that our graduates possess.

Ontario College Diploma

Program Code: PCSSN

Full-time | Trafalgar Campus, Davis Campus |
2 yrs (4 semesters)



**Learn to build computer applications
– and build a great career.**

The 4 cores of software engineering

As a program accredited by the Canadian Information Processing Society (CIPS), we concentrate on four core areas of software engineering:

- Programming and software development in Java, C and C#
- Web technologies and web application development
- Database management and administration
- Network administration and security

Competitive edge

In this program, you'll gain practical software engineering skills that give you a competitive edge in the job market. You'll study computer hardware (including Computer Architecture and Linux/Unix Operating System) and business practice, management and analysis. There's also a concentration on math that will provide you with a deeper understanding of software engineering principles.

Advanced learning opportunities

After earning a Computer Systems Technician diploma from Sheridan, many students continue their education. You can complete a third year in the Computer Systems Technology – Software Development and Network Engineering program to earn an advanced diploma. You may also be eligible to apply your diploma credits towards one of our honours bachelors degrees in applied computing.

Sheridan | Get Creative

* 2017 Key Performance Indicator (KPI) survey results produced by the Ontario Government, Colleges Ontario and student associations. Percentage shown reflects the average employer satisfaction across all Sheridan programs over the last five years.

sheridancollege.ca

Admission Requirements

Program Eligibility

Ontario Secondary School Diploma or equivalent, including these required courses:

- One English, Grade 12 (ENG4C or ENG4U)

plus

- Any Grade 12 Math* (C or U) or Grade 11 Functions (MCF3M) or Grade 11 Functions and Relations (MCR3U) (*Applicants presenting with Math MAP4C require a minimum 70%)

or

Mature student status.

Applicants who do not meet the admission requirements will be invited to complete pre-admission tests in mathematics and English. Applicants asked to take the test are considered for admission to Term 1 contingent on receiving a minimum grade of 70% in both the pre-admission mathematics/English tests.

Applicants lacking the Mathematics admission requirement for this program may wish to upgrade their Mathematics prior to application. For upgrading information, please contact us.

Applicants may also consider applying to our Technology Fundamentals program. Successful completion of this program will meet the Mathematics requirement and will provide a broader sense of the Science and Technology fields.

Applicant Selection

Eligible applicants will be selected on the basis of their previous academic achievement (the average of their six highest senior-level credits, including required courses), and/or results of pre-admission testing.

Applicants who do not meet the admission requirements for this program will be assessed and advised individually and may be considered for other, related programs.

Refer to the website for full admission requirements.

Career Opportunities

The Computer Systems Technician program is accredited by the Canadian Information Processing Society (CIPS). Careers can branch into several different areas.

HERE ARE SOME SAMPLE JOB TITLES FOR THIS PROGRAM:

Database Application Developer/
Administrator

Network Administrator

Software Application Developer

System Administrator (Linux/
Unix/Windows)

Systems Programming

Technical Support Technologist

Web Application Developer

Web Designer

Courses

SOME OF THE COURSES YOU CAN EXPECT TO TAKE IN YOUR PROGRAM

Applied Calculus

Discrete Math

Introduction to Business
Software Systems

Object Oriented Programming – Java

Problem Solving/Programming Logic

Web Development

Note: See website for specific terms and course listings.

More information



Website:
sheridancollege.ca



Facebook:
facebook.com/sheridaninstitute



Twitter:
[@sheridancollege](https://twitter.com/sheridancollege)



Visit us!

There's no better way to get a sense of Sheridan than with a personal visit. Book a tour and see for yourself!



tours.sheridancollege.ca