

FACULTY OF APPLIED SCIENCE & TECHNOLOGY

# Computer Systems Technology – Software Development and Network Engineering

Enter the job market with practical, marketable software development and network engineering skills.

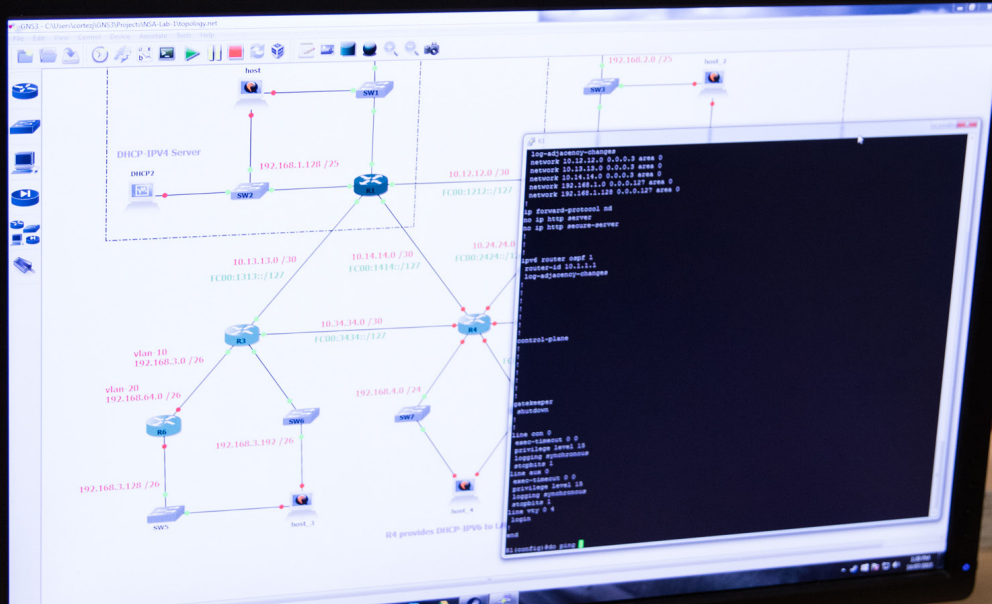
93%

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

Ontario College Advanced Diploma

Program Code: PCSSC

Full-Time | Trafalgar Road Campus, Davis Campus | Co-op | 3 yrs (6 semesters)



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

## A challenging curriculum

In Sheridan's Computer Systems Technology – Software Development and Network Engineering program, you'll gain experience with many platforms and environments. Using cutting-edge computer systems technologies (such as Android, iOS and Unity) and industry standards (such as Java, Oracle, C, C# and .NET), you'll learn to create solutions to real-world problems.

## Program highlights

- Software development in Java, Java EE, C, C# and .NET.
- Web technologies and web application development.
- Database technologies and database administration.
- Direct, hands-on instruction.
- A capstone project in your final year where you'll follow industry best practices to design and develop a real-world software solution from start to finish.

## Gain valuable, practical experience

During your time at Sheridan, you'll have the opportunity to apply for a co-op placement where you can get paid workplace experience in software development and network engineering. You may be able to earn a high-paying co-op placement, and many of our students are hired by their co-op employers after graduation. You'll need to fill out a separate co-op application and enrolment is limited.

**Sheridan** | Get Creative

\* 2015 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](http://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. (See Admissions section of the website for details.)**

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.

### Admission at an Advanced Level (Direct Entry)

Students may apply for admission at an Advanced Level (Direct Entry) to Year 2 of this program if they have relevant credits from a university or college. Students may have to complete certain courses from Year 1 prior to graduation.

Refer to the website for full admission requirements.

## Career Opportunities

Recent graduates of Sheridan's Computer Systems Technology - Software Development and Network Engineering program have enjoyed high job-placement rates and above-average starting salaries.

### HERE ARE SOME SAMPLE JOB TITLES FOR THIS PROGRAM:

Software Application Developer

Web Developer

Computer Software Engineer

Computer Network Specialist

Mobile Application Developer

Game Developer

Systems Programmer

Software Entrepreneur

## Courses

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

Data Communications - Local Area Networks

3D Game Development

Database Design and Implementation

Web Services using .NET & C# Programming

Enterprise Java Development

Advanced Mobile Application Development

Note: See website for specific terms and course listings.

## More information



**Website:**  
[sheridancollege.ca](http://sheridancollege.ca)



**Facebook:**  
[facebook.com/sheridaninstitute](https://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](http://tours.sheridancollege.ca)