

# Sheridan

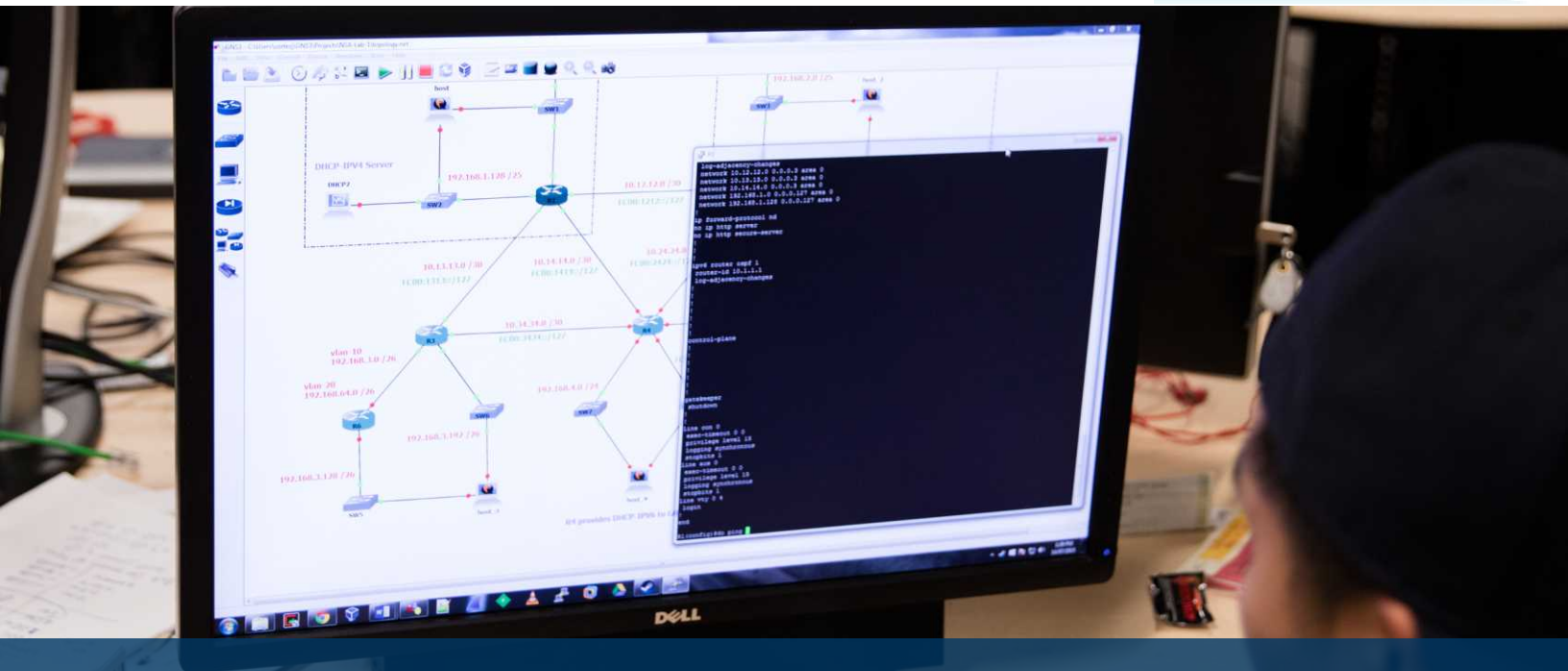
## Computer Systems Technology – Software Development and Network Engineering

OPTIONAL COOP

Ontario College Advanced Diploma | 3 years  
Davis Campus (Brampton) / Trafalgar Road Campus (Oakville)



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

### A challenging curriculum

Instruction in leading-edge computer systems technologies (including Cloud, Big Data, Spring Boot, Full-Stack Web Development, Android Kotlin, iOS Swift and Unity) will empower you to create effective solutions to real-world problems. Receive direct, hands-on instruction from highly qualified instructors who care about your learning and meet you at your level.

### Paid workplace experience

Earn up to three high-paying co-op placements during your studies. These are competitive real-world jobs but geared at an appropriate level. The experience you gain can help you stand out in the job market, and many of our grads are hired by their co-op employers. With up to a year of work experience, you'll be ready for more advanced and highly sought-after positions on Day 1 of your career.

### Program highlights

- Software development in Spring Boot, .NET, Angular, C, Kotlin, Swift, Udemy
- Full-stack and LAMP stack web development
- Database administration and technologies including MySQL, Oracle, NoSQL, and Big Data
- Advanced networking, AWS and Azure Clouds, and 5G wireless training
- A capstone project where you'll design and develop a real-world software solution

# 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. Graduates find employment in many areas and sectors including software development, software analysis, web development, quality assurance, and many more.

## SOME JOBS YOU MAY FIND:

Software Developer

Software Engineer and Designer

Cloud Services Analyst

Data Analyst

Systems/Business Analyst

Network Systems Administrator

Software Quality Assurance Analyst

Technology Entrepreneur

# Courses

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

Data Communications – Local Area Networks

Enterprise Java Development

Web Services using .NET & C# Programming

Database Design and Implementation

3D Game Development

Advanced Mobile Application Development

## How to apply:

5 easy steps

- 1 Find your program
- 2 Check the admission requirements
- 3 Apply online
- 4 Submit your documentation
- 5 Accept your offer

Ready to get started?

[sheridancollege.ca/apply](http://sheridancollege.ca/apply)



## Visit us!

Come say hello and get a feel for your future! We offer:

- Campus tours (in-person & virtual)
- Open Houses in the Spring and Fall
- Weekly webinars
- Career Advising Workshops



[sheridancollege.ca/future-students](http://sheridancollege.ca/future-students)

## Admission Requirements

### Program Eligibility

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

- One English, Grade 12 (ENG4C or ENG4U)
- plus
- One Math Grade 12 (C\* or U) or Math Grade 11 Functions (MCR3U) or Functions and Applications (MCF3M) (\*Applicants presenting with Math MAP4C require a minimum 70%)

or

Mature student status.

### 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 may be advised individually regarding other related programs.

Applicants who do not meet the admission requirements may be invited to complete pre-admission tests in mathematics and/or English. Applicants asked to take the OCMA math test require a minimum 70% passing grade. See "mature student status" for details.

Applicants that are missing admission requirements may wish to apply to Sheridan's Academic Upgrading program to upgrade their skills and qualifications before applying.

### English Language Proficiency

All applicants whose first language is not English must meet Sheridan's English proficiency requirements.

### Get credit for what you know

Eligible applicants that have related knowledge (postsecondary education, work experience, self-directed learning) may choose to apply for academic credit by taking Advanced Entry Challenge Exams or applying for Credit Transfer.

Refer to the website for full admission requirements.