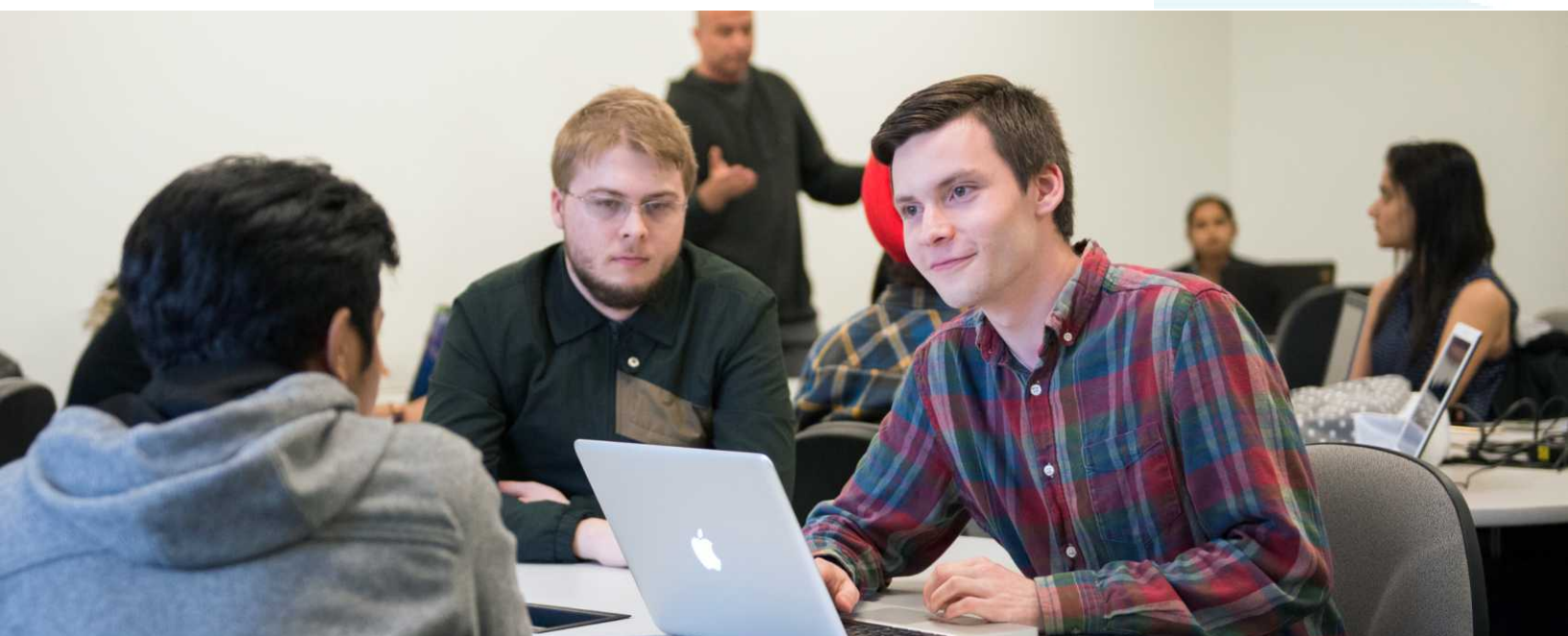# Sheridan

Computer Systems Technology – Analysis and Design

OPTIONAL COOP

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

Put technology to work for business — and for your career.

Learn the latest computing technologies

In this program, you'll build your skills and knowledge in multiple computing platforms and environments. You'll learn to apply the latest technologies to solve real-world problems with:

- iOS and Android application development
- Java, and Java Frameworks, C#, .NET and .net server development
- Web technologies and web application development
- Oracle and SQL server
- Version control

Get hands-on experience

The third year of our systems engineering program features Capstone-Based Learning (CBL), a uniquely Sheridan approach to curriculum delivery. In the Capstone course, you'll build an end-to-end application to solve a real-world problem for a client.

Turn your diploma into a degree

After earning your Computer Systems Technology advanced diploma, you can apply to bridge into Year 3 of one of these Sheridan degree programs: Honours Bachelor of Applied Computer Science (Mobile Computing), or Honours Bachelor of Applied Information Sciences (Information Systems Security).

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/ FACULTY OF APPLIED SCIENCE & TECHNOLOGY

Career Opportunities

Graduates of Sheridan's Computer Systems Technology – Analysis and Design program find employment as systems engineers in a wide variety of industries, including: health care and pharmaceuticals, finance, manufacturing and aerospace.

YOU MIGHT FIND A ROLE SUCH AS:

Business Analyst

IT Specialist/Analyst

Security Analyst

Technical Analyst

Computer Programmer Analyst

Network IT Specialist

Systems Administrator

Web Application Developer

Courses

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

Data Network Design & Configuration

Software Process Management

Web Development

Interactive User Interface Design

Systems Analysis and Design

Windows and Linux / Unix Operating Systems

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

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

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.

Applicants who do not meet the admission requirements will 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 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 are selected on the basis of 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.

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.

English Language Proficiency

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

Refer to the website for full admission requirements.