Sheridan

Internet of Things and Machine Intelligence

Ontario College Graduate Certificate | 1 year
Davis Campus (Brampton)

> **Gain job-ready skills in technology that drives industry and our everyday lives.**

Gain skills in an emerging technology

Use of Internet of Things (IoT) devices is projected to triple by 2030 as industry and individuals become more reliant on smart technology. Learn how to build and maintain equipment that makes our world better, safer and more efficient. You'll study concepts that are pillars of the Industry 4.0 revolution, including artificial intelligence, sensors, robotics, cybersecurity and cloud computing.

Understand all three aspects of IoT systems

Sheridan's Internet of Things and Machine Intelligence certificate is the first program of its kind in Ontario to cover each of the three aspects of intelligent IoT systems:

- Machines and devices that collect and process data
- Networks and systems that allow devices to communicate
- Artificial intelligence algorithms that allow these systems to make intelligent actions

Hands-on training led by industry experts

Learn to work with industry-standard equipment and technology. Our dynamic mix of labs, case studies, project work and other interactive assessments is designed to prepare you for real-world environments. You'll be supported by professors who not only hold PhD and PEng credentials but also have extensive experience working in IoT and automation.

/ FACULTY OF APPLIED SCIENCE & TECHNOLOGY

Career Opportunities

Cloud Computing Analyst

Information Security Analyst

IoT Operations Specialist

Project Manager

Data Analytics Specialist

IoT Engineering Specialist

Production Coordinator

Courses

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

Artificial Intelligence Applications

Networking and Communications

Sensors and Actuators

Cyberspace Security

Robotic and Vision Systems

Smart Factory and Intelligent Controls

Admission Requirements

Program Eligibility

Postsecondary diploma, advanced diploma, or degree in engineering, information technology, computer science, or equivalent fields.

Applicants applying with a degree in science will be reviewed on a case-by-case basis.

Applicant Selection

Candidates to the program are selected on the basis of academic achievement.

Individual applicants outside of the fields identified may be selected on the basis of postsecondary academic achievement and related work experience (as determined by the college).

Domestic applicants with education outside of Canada must have their transcripts assessed for equivalency through ICAS or WES. A general (document-by-document) or a comprehensive (course-by-course) assessment is required. There may be exceptions as determined by the college.

Applicants who do not meet the admission requirements for this program may be advised individually regarding other related programs.

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.

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?
apply.sheridancollege.ca

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
- Appointments with Career Advisers

experience.sheridancollege.ca

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