Electrical Engineering Technician

Advance your pre-apprenticeship electrical skills and earn a two-year Electrical Engineering diploma.

Outstanding career preparation
Sheridan’s Electrical Engineering Technician program offers you the opportunity to gain proficiency in advanced electrical and communication principles. You’ll graduate from this two-year program with extensive hands-on experience and a broad skill set applicable to a wide range of industry contexts.

Things you’ll learn to do
- Interpret and produce electrical and electronics drawings.
- Analyze and solve routine technical problems related to electrical systems by applying mathematics and science principles.
- Use, verify and maintain instrumentation equipment and systems.
- Assemble, test, modify and maintain electrical circuits and equipment.

Additional certification
Graduates of this program with work experience can pursue additional certification through the Ontario Association of Certified Engineering Technicians and Technologists (OACETT).

* 2018 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.
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

Admission Requirements

Program Eligibility
Ontario Secondary School Diploma or equivalent, with these required courses:
- One English, Grade 12 (ENG4C or ENG4U)
- One Math, Grade 11 or 12 (C, M or U)
Or
Mature student status.

Applicant Selection
Eligible applicants are selected on the basis of their academic achievement (the average of their six highest senior-level credits, including required courses).
Applicants who don’t meet the admission requirements for this program will be assessed and advised individually and may be considered for 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.

Career Opportunities

Upon completion of this program, you may expect to find employment in the following areas:
- Electrical Apprenticeship
- Electrical Engineering
- Maintenance
- Manufacturing
- Power, utility and energy sectors
- Quality control and production

Courses

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

Advanced Industrial Drafting
Electrical Trade Safety
Industrial Electronics Devices
Industrial PLC Applications
Industrial Workplace Preparation
Mathematics for the Trades

Note: See website for specific terms and course listings.

More information

Website: sheridancollege.ca
Facebook: facebook.com/sheridaninstitute
Twitter: @sheridancollege

Visit us!

All information provided is current as of publication and is subject to change. Refer to the website for the most current program information. Sheridan Marketing and Brand Strategy, March 26, 2020.