



Electrical Engineering Technology



Job Outlook

Employment
Rate
90%

Average Hourly
Wage
\$38.00

(Canada Job Bank, Nov 2023)

The world is becoming more automated with processes like building control systems, manufacturing processes, industrial robotics, and more. These rely on electrical equipment and digital processes to keep them operating properly. In this program, students will learn to design, program, install, and maintain this equipment.

Confederation College's Electrical Engineering Technology three-year advanced diploma program places special emphasis on computerized electronic control applications using state-of-the-art equipment. The new electrical industrial control and automation lab will allow students to study and learn how industrial processes and machines are controlled using advanced sensors, automation, and motor controls. Students will be able to read and produce electrical drawings that show the interconnection and control schematics for manufacturing systems used in industry today.

Graduates are in high demand and job vacancies are available in the Thunder Bay area and across Canada. Graduates of the program have been successful in positions working with electrical power generation, electrical power distribution, industrial automation and controls, telecommunications, computer networking, engineering firms, electrical and electronic design, electronics repair and maintenance, and the electrical trades.

Credential Upon Completion	Ontario College Advanced Diploma
Annual Fees (CAD)	\$18,407 + \$2,205 program costs (2024-25)
English Proficiency	IELTS 6.0, no band lower than 5.5
Eligible Applicants	High School Diploma + Grade 12 math
Intake	September & January