

ELECTRICAL COLLEGE^{of} canada.

for a brighter future

Electrical College of Canada's instructors are Licensed Electricians with extensive practical experience with-in the industry.

Our programs are 12 weeks and offer hands-on experience in conjunction with in-shop, practical skills development.

Course Outline

- **Safety Training** - Lockout
Fall Protection
WHMIS
First Aid
- **Basic Electrical Theory**
- **Introduction to Electrical Safety Code**
- **Introduction to Blue Prints**
- **Introduction to Electronics**
- **Introduction to PLC**
- **Residential Wiring**
- **Commercial Wiring**
- **Apprenticeship/Job Search**



- For a brighter future & good paying career
- Government funding available for qualifying students
- Possible income for the duration of the weeks in training
- Maximum 12 students per class
- All tools, books & safety certifications are included
- Four days a week, Day & Evening classes

91 Friuli Court, Units 1 & 2, Woodbridge ON L4L 7H2
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www.electricalcollege.ca

NON-VOCATIONAL WORKSHOPS & DESCRIPTIONS

1. Certificate of Qualification Pre –Exam Course

A 36-hour workshop designed to prepare candidates for the Certificate of Qualification Exam administered by the Ministry of Training, Colleges and Universities under the Apprenticeship and Tradesman's Qualification. Students will review all sections of the Ontario Electrical Safety Code and the instructor will Administer practice exams and test questions to prepare candidates for C of Q examination

2. Service Upgrades

A 20-hour workshop designed to teach candidates how to upgrade electrical panels from fuse to breakers, 60 Amp to 100 Amp, and 100 Amp to 200 Amp. Topics discussed will include; the fundamentals of service requirements, obtaining ESA permits and inspections and safety precautions.

3. Upgrading Older Homes to Current Safety Code Standards

A 20-hour workshop that reviews current electrical safety code standards in Ontario. Upgrading older home to current safety standards such as installation of Arc Fault circuit interrupters, ground fault circuit interrupters.

4. Residential Wiring 101 - Finishing your basement

A 15 hour workshop designed to prepare candidates to wire a basement to electrical safety code standards. The course will educate the students on how to assess an area and apply current codes to maximize cost and time while satisfying inspection standards. Trained professionals in the field will give students the knowledge and confidence to wire a living space in our wiring labs to simulate a work environment.

5. Residential Wiring 101 - Kitchen and Bathroom Renovations

A 15 hour workshop designed to prepare candidates to wire a kitchen or bathroom renovation by upgrading to wiring to current electrical safety codes. Implementation of more effect lighting solutions will give the students the knowledge and confidence to evaluate an area and improve its current condition.

6. Fall Protection, Lockout & WHMIS

7. Basic First Aid for Electricians

8. Introduction to Networking, Data, Telephone, Cable TV, and Surround Sound Wiring

9. Lighting Control and Smart Home Systems