

# Electrician Apprentice (Basic)

<b>Program Locations:</b>	Peterborough
<b>Program Code:</b>	AEB
<b>Coordinator:</b>	Rick Murdock
<b>Credential:</b>	
<b>Start Dates:</b>	September 08, 2015 · January 11, 2016
<b>Tuition Fees:</b>	\$400.00 program duration. Tuition and fees subject to change.



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**Today's electricians are working with cutting edge technology such as programmable logic controls (PLCs), sophisticated fire alarm systems, robotics, and assisting in setting up "smart house" systems. Electricians provide homeowners, businesses and industries with the means to access electricity, while ensuring people's safety and providing a higher quality of life.**

*Note: Apprenticeship classes are for students who have already found work in the trade and have been indentured. Each candidate must be indentured to a qualified contractor or Union and be registered with the Ministry of Training, Colleges and Universities - Workplace/Employed Workers Support Branch.*

## Program Highlights

In Fleming's Electrician -- Construction and Maintenance Apprenticeship program, you'll develop trade related skills including:

- project electrical layout
- system installations
- repair and maintenance
- connecting and testing of electrical devices, apparatus, control equipment, wiring
- how to work with alarm communication, lighting, heating and power and control systems and motion control

## Why Choose Fleming

The instructors for Fleming's Electrician Apprenticeship program are dedicated and fully-qualified tradespeople. That means you will be learning from people who have "been there", or continue to work in the trade. Your theoretical classes are supplemented by hands-on training. Your instructors will be there to answer your questions and troubleshoot, and to facilitate your learning. Fleming has an excellent reputation in the trade and with trade unions for producing well-qualified technicians.

## Is this You?

Success as an electrician starts with your interest in how things work, and learning how you can provide customers with safe, helpful means to access power and electricity. Besides this key interest, it is helpful if you have, or are willing to develop the following:

- attention to detail and dedication to quality
- a strong customer service ethic
- excellent problem-solving skills
- willingness to learn on the job/continuous learning

We'll help you to graduate as a fully qualified, competent electrician--and prepare you for trade exams.

## Career Opportunities

As an electrician working for an industrial or institutional company, you will probably have your hours and duties laid out for you. And there's a real sense of job security in this type of position. If you choose to work independently, or as part of a group providing electrical or related services, you will be able to decide which projects you want to pursue, when you want to work and set your own pace. Regardless of your choice, there are plenty of opportunities. If you are willing to relocate to travel for work, your opportunities will be even greater.

## Minimum Admission Requirements

Ontario Secondary School Certificate (Grade 10) is required to be considered for this apprenticeship.

**To participate in an apprenticeship program, you must be employed and a registered apprentice.** Contact your local Apprenticeship office to determine your eligibility to enter this trade. In Peterborough, contact the Ministry of Training, Colleges and Universities at (705) 745-1918.

## Curriculum for Electrician Apprentice (Basic)

### Semester 1

Code	Course Name	Hours
ELCT 13	Electronics - Level I	42
ELCT 22	Installation Methods - Level I	48
ELCT 25	Prints - Level I	30
ELCT 27	Electrical Theory - Level I	63
ELCT 32	Canadian Electrical Code - Level I	33
ELCT 35	Instrumentation - Level I	24

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