

# CONSTRUCTION AND MAINTENANCE ELECTRICIAN

Construction and Maintenance Electricians in this unit group, layout, assemble, install, test, troubleshoot and repair electrical wiring, fixtures, control devices and related equipment in buildings and other structures. Individuals in this role may be responsible for reading and interpreting drawings, splicing, joining and connecting wires to fixtures and components to form circuits, and troubleshooting and isolating faults in electrical and electronic systems and removing and replacing faulty components.

Students who complete our structured Construction Maintenance Electrician Pre-Apprenticeship (Estimation Track) course will receive theory instruction together with the hands-on training methodology taught by highly trained instructors. Areas of study include; electrical safety, electrical installation methods, electrical code and blueprint reading.

**Program length: 24 weeks**

## ▸ ADMISSION REQUIREMENTS

- Minimum of a Canadian high school grade 12 or equivalent, or a mature student
- Pass an entrance test administered by Herzing
- Be interviewed in detail regarding interest in the field
- Meet any additional program specific entrance requirements

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## ▸ COURSE LIST

– Safety	– Estimation and Take-Offs
– Electrical Theory	
– Electrical Code	
– Installation Methods	
– Fundamentals of an Estimator	

## ▸ CAREER OUTLOOK

Construction and Maintenance Electricians have experience with custom homes, commercial and retrofit. Commercial experience (service and new construction), with some residential knowledge as well. Experience bending conduit, service upgrades and terminations, experience completing electrical installations,

## ▸ EXAMPLES OF POSSIBLE JOB TITLES

Carpenter, Rough Carpenter, Renovation Carpenter, Metal Framer – Carpentry, Finish Carpenter, Maintenance Carpenter