

# ELECTRICIAN

## DESCRIPTION

The value of electricians continues to rise due to increased dependency on electricity. Electricians install and maintain all of the electrical and power systems for our homes, businesses, and factories.

## SKILLS

- Comfortable with standing, crouching, or bending for long periods of time
- Extensive hand-eye coordination and ability to work with small tools and objects
- Read technical diagrams and blueprints
- Excessive problem solving skills - diagnosing problems providing solutions

## DUTIES

- Install, maintain and repair electrical control, wiring, and lighting systems
- Installation, maintenance, and repair of wiring systems, fixtures and electric or electronic equipment
- Troubleshoot and isolate faults in electrical and electronic systems and remove and replace faulty component
- Test electrical systems and components to ensure proper functioning

## EDUCATION

- **High School Diploma Required**
- **Grade 12 Math and English credit may be required**
- Apprenticeship required—approximately 8000 hours

## RELATED PATHWAY OPTIONS

Electrical Engineering Technicians  
Electrical Drafters  
HVAC Installer

**SALARY RANGE \$59,400 to \$95,800**

VISIT [WWW.MYOCCA.CA](http://WWW.MYOCCA.CA) FOR MORE CAREERS IN CONSTRUCTION

## WHERE TO TRAIN

N/A

## OTHER OPTIONS

DURHAM COLLEGE ELECTRICIAN CONSTRUCTION

SENECA COLLEGE CIVIL ENGINEERING

FANSHAWE COLLEGE ELECTRICIAN APPRENTICE

ST. CLAIR COLLEGE CIVIL ENGINEERING

FLEMING COLLEGE ELECTRICIAN APPRENTICE

MOHAWK COLLEGE CIVIL ENGINEERING

HUMBER COLLEGE ELECTRICIAN APPRENTICE

DURHAM COLLEGE CIVIL ENGINEERING

LAMBTON COLLEGE ELECTRICIAN APPRENTICE

## GETTING STARTED

### THE OCCA CAN HELP YOU EXPLORE THESE THREE PATHWAYS:

1

You can begin by applying for a job directly in the Construction Industry. Once you begin working with a Construction Company or Contractor you will quickly gain the necessary skills needed to advance yourself through in-house, work-as-you-learn training.

2

You can get started through an apprenticeship program by combining on the job training with technical in-class training, gaining experience and increased responsibility. You can work in the industry, get paid, and work towards earning credits .

3

You can enroll in a University, Community College or a Private Technical School to study and prepare yourself for a Career in Construction. All of this information may be found through our website.

