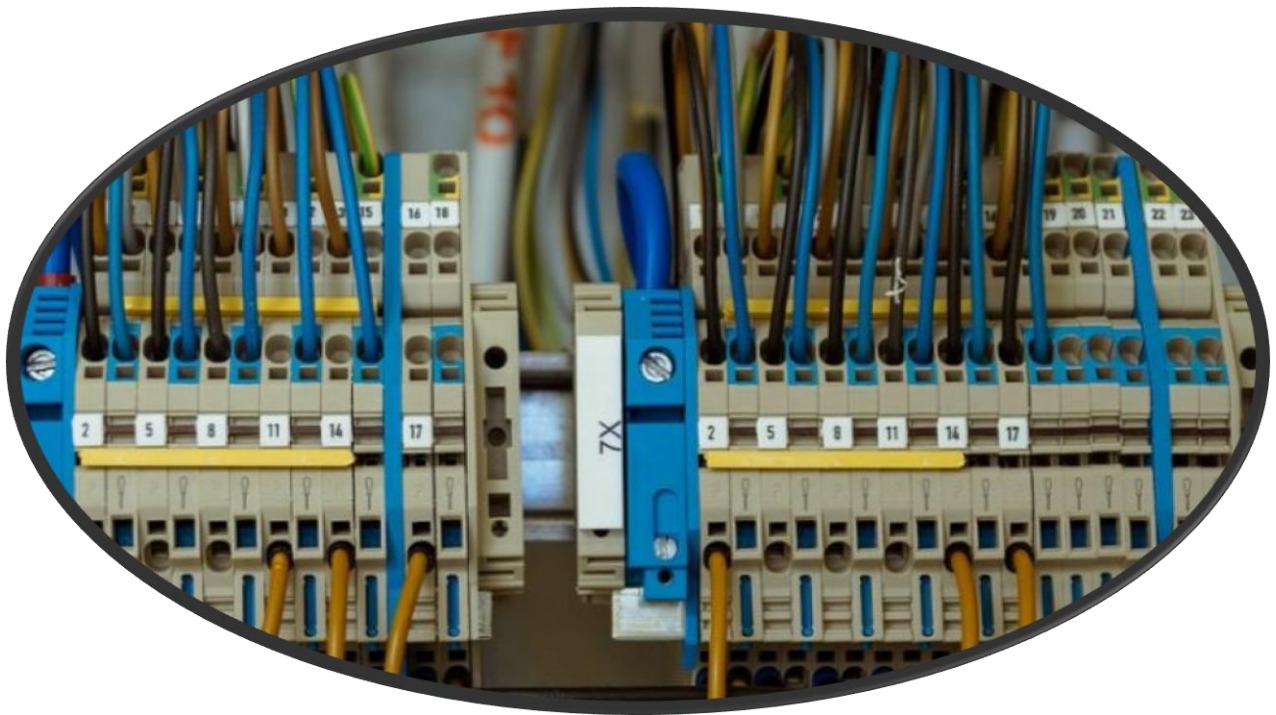


# My Career in Electrical Wiring



With a *Certificate in Electrical Wiring*, graduates may have the possible *career options* of the following:

- Wiring Assembler
- Inside/outside Wireman
- Residential Construction Wirer
- Electrical Wireman
- Electrical Wiring Installer
- Electricians Technician/Wireman
- Residential Wireman/Woman

### **Wiring Electricians**

The job descriptions and job specifications for these careers are as follows:

#### **Career Overview**

Wiring Electricians install, maintain, inspect, test and repair wiring for electrical systems, generating stations, substations in-service relays, equipment and appliances.

#### **Typical Duties:**

- Plan and initiate projects, read schematics and specifications related to various electrical installations and assist with material estimates.
- Install pathways and spaces for low voltage wiring installation.
- Install pathways and circuit conductors for power distribution.
- Install sound and cable TV distribution systems.
- Install local area network systems.
- Install and work on other subsystems such as air-conditioning, photovoltaic generation and energy management systems.
- Test, certify and troubleshoot all system wiring installations.

## **Work Environment**

Work is usually full-time which may include working after regular hours and on weekends. You may work for a company or as a private electrical contractor with work being either indoors or outdoors. Workers in this field are subject to occasional falls, electrical shocks and small cuts.

## **Qualifications and Licenses**

An electrical wireman license is required along with vocational certification in the field such as that through SJPP, City and Guilds or C/NVQ's.

## **Essential Qualities and Skills**

- ❖ Mathematics and Algebra skills
- ❖ Critical thinking and analytical skills
- ❖ Writing and composition skills
- ❖ Reading and reading comprehension skills
- ❖ Good time management and the ability to work with a team or independently
- ❖ Good customer and personal service and the ability to perform clerical work.
- ❖ Good communication skills, active listener with the ability to take instructions
- ❖ Knowledge and awareness of industry safety codes
- ❖ Patience, dependability, and honesty, endurance and stick-to-it-iveness.

## **References**

Barbados Standard Occupational Classification, Major Group 712 section 7125, page 158 –  
Government of Barbados, Ministry of Employment, Labour Relations and Community  
Development (1990)

<http://www.electricaltrainingalliance.org/training/residentialWireman> Retrieved February 2016

<http://www.electriciancareersguide.com/personality-traits-and-skills-of-successful-electricians/>  
Retrieved February 2016