

Electrical General



Programme Description

Electrician generally:

- Install and maintain wiring and lighting systems
- Inspect electrical components, such as transformers and circuit breakers
- Identify electrical problems with a variety of testing devices
- Repair and replace wiring, equipment or fixtures using hand and power tools.

Course Duration

Level 1-3 (3 years)

Course Contents

- Electrical General Theory
- Electrical General Practice
- Industrial Electronics
- Engineering Science
- Mathematics

Educational Requirements

Grade 10 or Grade 12 Certificate

Recommended Subjects: English, Mathematics, Physical Science

Occupational Requirements

Electricians should be willing to:

- Work indoors and out in houses, businesses, factories and construction sites
- Work in cramped spaces
- Stand, kneel for long periods
- Work long hours including evenings and weekends

Qualification Award

National Vocational Certificate: (Electrical Engineering) Electrical General)

Career Opportunities

- Construction industry



- Entrepreneur
- Mining industry
- Maritime industry