

2

What skills and abilities are required?

Guide to being an Electrician



To be successful in this trade, Chantelle, you will need:

- Good communication and reading skills
- An aptitude for Mathematics
- Mechanical ability, strength and manual dexterity
- The ability to distinguish colours to work with colour-coded wiring
- The ability to work at heights
- The ability to lift between 11 and 25 kilograms
- The ability to get along well with co-workers
- The willingness to keep up with new developments in the field
- The ability to create new ways of doing things
- The ability to do very precise work expertly, and
- Ability to work at a variety of exciting tasks

Installing or maintaining equipment in existing homes or businesses will require you to be neat, friendly and able to deal with customers courteously.

Once you have obtained a qualification and the relevant skills in this trade, you have CHOICES!

You can either find employment.
OR
Start your own business.

For more information, please contact the **merSETA** Call Centre on **086 163 7738**

For additional Support, you may also visit: **NYDA** www.nyda.gov.za



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Guide to being an Electrician



An essential guide showing learners how to prepare for their chosen careers

LEADERS IN CLOSING THE SKILLS GAP

1

What do Electricians do?

Guide to being an Electrician



An electrician works in commercial, industrial or residential settings. They usually install, repair and maintain electrical systems designed to provide heat, light, power, control, signal or fire alarms for all types of buildings, structures and premises

3

What duties and tasks will I have to perform, Mr. Naidoo?

Guide to being an Electrician



Chantelle, you will be qualified to perform the following duties...

- Reading and interpreting electrical, mechanical and architectural drawings and electrical code specifications to determine wiring layouts
- Cutting, threading, bending, assembling and installing conduits and other types of electrical conductor enclosures and fittings
- Pulling wire through conduits and holes in walls and floors
- Positioning, maintaining and installing distribution and control equipment such as switches, relays, circuit breaker panels and fuse enclosures
- Installing data cabling or fibre optic systems
- Testing circuits to ensure integrity and safety

4

What do I do before leaving school?

Guide to being an Electrician



Find information from Electricians in your community and visit Electrician training centres

What are the **minimum entry requirements?**

- Grade 9 with maths and science with Afrikaans or English Language
- Able to perform work of the trade
 - At least 16 years old
- NOTE: Some companies set higher entry requirements

5

How do I apply for training?

Guide to being an Electrician



Check for advertisements for apprenticeships and learnerships

- Identify your area of interest
- Compile your CV
- Check for advertisements for apprenticeship/learnership opportunities in newspapers or register on relevant database
- After finding an advertised opportunity, familiarise yourself with the company
- Send your application and prepare for interview if short listed

6

What are the working conditions like, Mr. Naidoo?

Guide to being an Electrician



Your work may be in construction or maintenance, or a variety of electrical work...

Electricians usually work a 40 or 45 hour, five-day week plus overtime when required. In construction, there may be no guarantee of permanent work. Working conditions can change dramatically from one job to another, varying from indoors in clean conditions to outdoors on scaffolding, to indoors in cramped conditions.