



REGISTERED

ACCREDITED | RECOMMENDED

Technical & Vocational Education & Training

DHET REG No: 2016/FE07/004 EXAM No: 899992837

QCTO ACC No: NATED/2015/0179 UMALUSI ACC No: FET00630PA Mictseta ACC No: 2015/07/0029

Tel: 011 333 6479 | Email: admin@mbowa.edu.za | Web: mbowacollege.co.za

SCHOOL OF ARTISAN SKILLS: OCCUPATIONAL CERTIFICATE: ELECTRICIAN L4

SAQA ID:91761 Exit Level:Level 4 Credits:130

COURSE OUTLINE:

The purpose of this qualification is to prepare a learner to operate as an Electrician and to write their trade test. Electricians plan, prepare install, test, connect, commission, maintain, alter and repair electrical equipment, wiring and control systems and apply the knowledge and skills obtained, in a variety of contexts.

Knowledge Modules

- Health, Safety, Quality and Legislation, NQF Level 4, 5 Credits.
- Tools, Equipment and Materials, NQF Level 4, 8 Credits.
- Electricity and Electronics, NQF Level 4, 13 Credits.
- Industry Context, NQF Level 3, 2 Credits.
- Wireways and Wiring, NQF Level 4, 11 Credits.
- Rotating Electrical Machinery, NQF Level 4, 13 Credits.
- Electrical Supply Systems and Components, NQF Level 4, 31 Credits.
- Low Voltage Protection, NQF Level 4, 5 Credits.
- Fault Finding, NQF Level 4, 3 Credits.

Practical Skill Modules

- Use hand and power tools, NQF Level 3, Credits 22.
- Plan and prepare the process for the wiring, connection, testing, inspecting, commissioning and maintaining electrical installations and control systems, NQF Level 3, 5 Credits.
- Prepare worksite set up for installing, wiring and connecting electrical equipment and control systems, NQF Level 3, 3 Credits.
- Install wireways, NQF Level 4, 5 Credits.
- Install, wire and connect electrical equipment and control systems, NQF Level 4, Credits 38.
- Conduct pre-commission inspection (power on and off) fault find and test new and existing installations, NQF Level 4, Credits 5.
- Carry out commissioning tests, NQF Level 4, Credits 13.
- Fault find and repair electrical control systems and electrical installations, NQF

Work Experience Modules

- Planning and preparation process for the wiring, connecting, testing, inspecting, commissioning and maintaining of electrical installations and control systems, NQF Level 4, Credits 8.
- Processes of installation, wiring and connection of electrical equipment and control systems, NQF Level 4, Credits 74.
- Processes of testing and inspecting of electrical equipment, control systems and installations, NQF Level 4, 15 Credits.
- Processes of commissioning electrical installations and control systems, NQF Level 4, 15 Credits.
- Maintenance processes for electrical installations and control systems, NQF Level 4,

Entry Requirements:

· Grd 10 or its equivalence

Duration:

2 Years

Certification Body:

QCTO

FEES STRUCTURE

Fees Per Level (N)		TUITIONS & EXAMS (per subject repeated)	EXAM ONLY (Once off payment) per subject repeated
Registration: R1000	TOTAL R31300.00	<ul style="list-style-type: none"> • Registration: R1000 • Monthly Inst: 	<ul style="list-style-type: none"> • Registration: R1000 + R1000 p/s
Deposit Fees: R1500			
Monthly Inst: R1200X24			

BANKING DETAILS:

NED BANK

Mbowa College PTY LTD

Account No: 1169745628

Ref: Student Surname and Name

Please Note:

Continuing Students Do Not Pay Registration And Deposit Fees



078 916 1916 / 081 411 9885