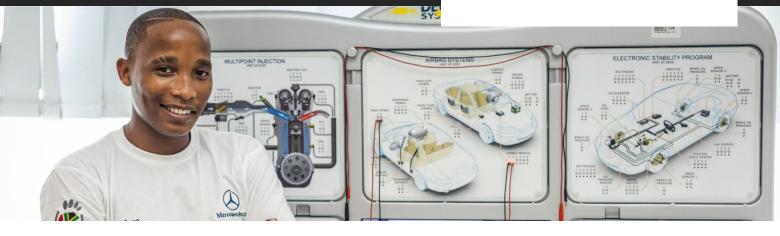
Mercedes-Benz South Africa Learning Academy



Electrician Trade Overview



Qualification Title	Occupational Code	Quality Assuring Body	Credits	Entry Requirements	NQF Level
Electrician	671101	QCTO	360	NQF Level 1 with Maths & Science	4

Purpose

The purpose of this qualification is to prepare a learner to operate as a Switching Operator. A Switching Operator performs switching, isolating, linking, safety testing and earthing operations on electrical installations and systems in a variety of contexts.

A qualified learner will be able to:

- Decommission LV and MV plants, systems, networks
- Commission and test LV and MV plants, systems, networks

Electrician – Legacy (EL 1)

Module Description	Module Code/s	Days		
Elec Testing Instruments Portable	ET1	5		
Cables and Conductors (Incoperating Materials)	CA1-5, CO1-3, ME3-4	10		
Wiring (Lighting)	WI1	10		
Installations (Covering kWh meters)	IN1-2	20		
Total Training Time PH1: 45 Days				

Electrician – Legacy (EL 2)

Module Description	Module Code/s	Days		
AC Machines Transformers, CT-PT (Testing of Motors)	AC16-18	25		
Electronics (Incoperating Soft Solder, Drawings & Sketches)	EL1-3, SS1-2, DSE3, DSE6	15		
DC Machines (Series, Shunt, Compound, Direction Change)	DC1	5		
Electronics (PLC)	EL5	5		
Total Training Time PH2: 50 Days				

Electrician – Legacy (EL 3)

Module Description	Module Code/s		
Drawings & Sketches	DSE1		
AC Machines (Incoperating Elec Measuring Instruments - Panel Mount, Fault Finding, Electrical Equipment)	MJ1, FA2, FA6, EE1		
Total Training Time PH3: 45 Days			