



PCD COLLEGE
ACCREDITED

Electrical Training

Diploma Course

3 years

Practical and theory modules

QCTO and Ceta Accredited



Electrical

Knowledge Modules:		Year	Credits
671101000-KM-01	Health, Safety, Quality and Legislation	1	5
671101000-KM-02	Tools, Equipment and Materials	1 & 2	8
671101000-KM-03	Electricity and electronics	1 & 2	13
671101000-KM-04	Industry Context	1	2
671101000-KM-05	Wire ways and wiring	1	11
671101000-KM-06	Rotating electrical machinery	2	13
671101000-KM-07	Electrical supply systems and components	1 & 2	31
671101000-KM-08	Low Voltage protection	1	5
671101000-KM-09	Fault Finding	1 & 2	3
Practical Skill Modules:			
671101000-PM-01	Use hand and power tools	1 & 2	22
671101000-PM-02	Plan and prepare process for the wiring, connection, testing, inspecting, commissioning and maintaining of electrical installations and control systems	1 & 2	5
671101000-PM-03	Prepare worksite set up for installing, wiring and connecting electrical equipment and control systems	1 & 2	3
671101000-PM-04	Install wire-ways	1	5
671101000-PM-05	Install, wire and connect electrical equipment and control systems	1 & 2	38
671101000-PM-06	Conduct pre-commission inspection (power off;) fault find and test new and existing installations	1 & 2	5
671101000-PM-07	Carry out commissioning tests	1 & 2	13
671101000-PM-08	Fault find and repair electrical control systems and electrical installations	1 & 2	22
This qualification also requires the following Work Experience Modules:			
671101000-WM-01	Plan and prepare for the wiring, connection, testing, inspecting, commissioning and maintaining of electrical installations and control systems	1 To 3	8
671101000-WM-02	Processes of installation, wiring and connection of electrical equipment and control systems	1 To 3	74
671101000-WM-03	Processes of testing and inspecting of electrical equipment, control systems and installations	1 To 3	15
671101000-WM-04	Processes of commissioning electrical installations and control systems	1 To 3	15
671101000-WM-05	Maintenance processes for electrical installations and control systems	1 To 3	44
Note: Year 1 = Single Phase, Year 2 = Three Phase and Year 3 = Single and Three Phase			