Professional Career Development

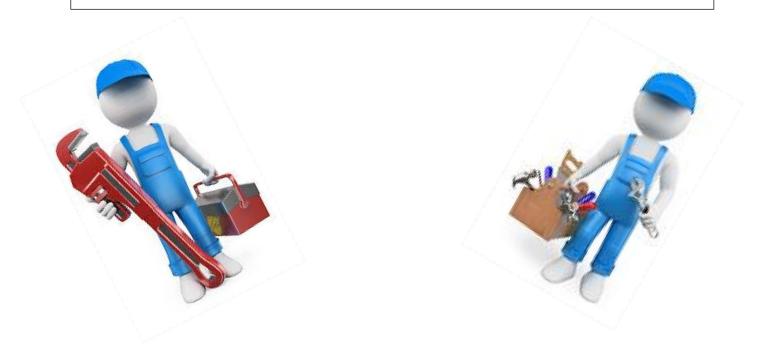




PCD COLLEGE ACCREDITED

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-КМ-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 Mod | ules: | | |
| 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 |
| | | | |
| • | Iso requires the following Work Experience Me | | |
| 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 |