



TEKmation Training Institute FET College

Engineering Education and Skills Development

Private Further Education and Training College

Company Reg : 2011/002576/07

DHET Reg No : 2011/FE07/078

Trade: Plumber

Code: PP1

Course Title: Plumber Phase 1

Course Duration: 16 Weeks

Course Content: This course is designed to enable the learner to receive a good basic grounding and exposure to the skills and equipment that is used in the trade. 1st year Apprentices.

- Induction to Tekmation.
- Occupational Safety.
- Basic First aid.
- Select, Use & Care For Engineering Hand Tools.
- Select, Use & Care For Engineering Workshop Tools.
- Hand Skills - Grind Tools & Drill Bits.
- Read, Interpret & Produce Engineering Drawings & Sketches.
- Cut and Thread GMS Pipe.
- Repair and Maintain GMS Pipe.
- Cut and Bend Copper Pipe.
- Repair and Maintain Existing Copper Pipe.
- Recognition of Below Ground Drainage System.
- Determine and Transferring of Levels.
- Excavation of Trenches & Assuring.
- Install a Below Ground Drainage System.
- Install and Maintain Sub Soil Stack.
- Install a Bath.





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Trade: Plumber

Code: PP2

Course Title: Plumber Phase 2

Course Duration: 14 Weeks

Course Content: 2nd year Apprentices who have successfully completed the Phase 1 Apprentice Plumber course are eligible or individuals who have been recommended for this course as a result of an evaluation conducted at this Centre. The course is designed to enable the learner to receive the skills and knowledge that is used in the trade.

- Install a Sink.
- Install A Wash Basin.
- Install a Bidet.
- Install a Shower.
- Install a Water Closet (Pedstal).
- Install a Urinal (Wall Hung).
- Install a Stainless Steel Urinal.
- Install a Combination Geyser.
- Install a Push Through Geyser.
- Install a High Pressure Geyser.
- Install an Indirect System of Cold Water Supply (Storage Cistern).
- Install Underground Cold Water Reticulation.
- Fire Fighting Installation.
- Repair & Maintenance of Taps , Valves & Cocks.
- Repair to HP Main.





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Trade: Plumber

Code: PP3

Course Title: Plumber Phase 3

Course Duration: 14 Weeks

Course Content: 3rd year Apprentices who have successfully completed the Phase 2 Apprentice Plumber course are eligible or individuals who have been recommended for this course as a result of an evaluation conducted at this Centre. The course is designed to enable the learner to receive the skills and knowledge that is used in the trade. Individuals how meet the apprentice requirement are eligible to attempt the National Trade Test.

- Build a Manhole to Benching Height (Brick).
- Build a Manhole to Benching height (Concrete Ring).
- Removal of Blockages from & Repair to Waste, Soil & Drain Pipes.
- Mark Out & Cut Sheet Metal.
- Mark Out, Rivet & Solder Sheet Metal.
- Install G.M.S. Gutter & Rain Water Pipes.
- Install P.V.C. Gutter & Rain Water Pipes.
- Fabricate & fit a G.M.S. Vent Pipe Flashing.
- Fabricate & fit a G.M.S. Chimney Flashing.
- Fabricate a Box Gutter with Stop End, Circular Outlet & Abutment Flashing.

