

Building Skills : Basic Painting

Course Content :

- Use and maintain hand tools
- Prepare new wall surfaces
- Prepare old wall surfaces
- Coat new wall surface with P. V. A
- Prepare wooden & metal surface (Door & Frame) for enamel paint
- Coat wooden & metal surface (Door & Frame) with enamel paint
- Cut in paint work at all edges (Finishing)

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 10 Days

Building Skills : Plaster & Tiler

Course Content :

- Registration & orientation
- Safety Procedures
- Recall factors in safety & loss control
- Apply elementary first aid
- Interpret basic building drawings
- Surface preparation, mixes & mixing of plaster, screed & grano
- Plaster a blank wall
- Plaster door & window openings
- Plaster around projecting wall surfaces
- Plaster a square brick column
- Plaster a concrete ceiling
- Apply a skim coat to a concrete ceiling
- Plaster a composite board ceiling
- Lay a screed to a concrete floor & form a plaster skirting
- Lay a grano to a concrete floor
- Screed concrete steps to a granolithic finish
- Prepare & lay in situ concrete pavement
- Tile a plastered wall
- Tile around a bath with mortar
- Tile around an attached pier
- Lay tiles to a screeded floor
- Lay tiles to concrete steps
- Lay screed to a shower floor
- Repair cracked & damaged plaster
- Prepare & lay concrete paving
- Repair wall & floor tiles

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 45 Days

Building Skills : Plasterer

Course Content :

- Registration & orientation
- Safety procedures
- Recall details about the building industry
- Interpret basic building drawings
- Surface preparation, mixes & mixing of plaster, screed, & grano
- Plaster a blank wall
- Plaster door & window openings
- Plaster around projecting wall surfaces
- Plaster a square brick column
- Lay a screed to a concrete floor & form a plaster skirting
- Lay a grano to a concrete floor
- Screed concrete steps to a granolithic finish
- Prepare & lay in situ concrete pavement

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 20 Days

Building Skills : Tiler

Course Content :

- Tile a plastered wall
- Tile around an attached pier
- Lay tiles to concrete steps
- Repair cracked & damaged plaster
- Prepare & lay pavers
- Tile around a bath with mortar
- Lay tiles to a screeded floor
- Lay screed to a shower floor
- Prepare & lay concrete paving
- Repair wall & floor tiles

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 15 Days

Building Skills : Bricklayer

Course Content :

- Erect & dismantle scaffolding
- Interpret basic drawings
- Mix mortar
- Lay bricks between two columns
- Build half brick corner in stretcher bond
- Build a full brick corner in stretcher bond

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 15 Days

Building Skills : Bricklayer

Course Content :

- Erect & dismantle scaffolding
- Interpret basic drawings
- Mix mortar
- Lay bricks between two columns
- Build half brick corner in stretcher bond
- Build a full brick corner in stretcher bond
- Build foundations brickwork on existing foundations
- Build a right-angled half brick wall with "T"-junction
- Build a manhole with corbelling

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 30 Days

Building Skills : Bricklayer & Blocklaying

Course Content :

- Erect & dismantle scaffolding
- Interpret basic drawings
- Mix mortar
- Lay bricks between two columns
- Build half brick corner in stretcher bond
- Build a full brick corner in stretcher bond
- Build foundations brickwork on existing foundations
- Build a right-angled half brick wall with "T"-junction
- Build a manhole with corbelling
- Build a block wall without the use of profiles
- Build a blockwork corner in stretcher bond
- Build a block wall with door & window frame

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 45 Days

Building Skills : Blocklaying

Course Content :

- Build a block wall without the use of profiles
- Build a blockwork corner in stretcher bond
- Build a block wall with door & window frame

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 15 Days

Building Skills : Basic Plumbing

Course Content :

Sewer Pipelaying

CDM 1B1 : *Use & maintain hand tools*

- Identify personal protective equipment
- Use & maintain basic setting out tools
- Identify & maintain general site hand tools

CDM 1C3 : *Excavate, backfill & compact a trench*

- Apply the practical application of trench excavation
- Demonstrate procedures of backfilling & trench compaction

CDM 1D1 : *Lay & joint PVC pipes & manhole units*

- Prepare the work area ready for pipelaying
- Install PVC pipes & manhole units.

Lay Watermain

- Excavate & backfill trench
- Lay primary watermain
- Install fittings
- Repair broken pipe sections

Install Leading Connections

- Connect into main water supply
- Install meter box
- Install standpipe

Install Basic Sanitary System

- Install W. C. system
- Install wash hand basin & shower unit
- Connect waste pipes to sewer drain

Construct Pit Latrine & Septic Tank

- Construct pit latrine
- Construct septic tank

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 45 Days

Building Skills : Carpenter

Course Content :

- Registration & orientation
- Erect & dismantle scaffolding
- Erect & clad roof roofs:
 1. L-shaped roof
 2. Corrugated fibre cement sheeting (Big Six)
 3. Concrete tiles
- Install ceilings:
 1. Branded ceiling & installation
 2. Timber ceilings
- Fit Architrave's Skirting
- Adhere to Safety & housekeeping rules
- Set out & erect:
 1. House roof trusses
 2. Gable roof trusses

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 45 Days

Building Skills : Plumber

Course Content :

- Registration & orientation
- Safety procedures
- Maintain:
 1. GMS pipe work
 2. Copper pipe work
 3. Taps, valves, & cocks
 4. Soil, waste & drain pipes, and below ground drainage systems
- Install plumbing:
 1. 400 kPa high pressure geyser
 2. Sink unit
 3. Wash basin
 4. Bath
 5. Shower
 6. W.C. Pedestal
- Install below ground drainage system:
 1. Set out & determine levels
 2. Excavate & timber shore trench
 3. Install a below ground drainage system
 4. Build a brick manhole to benching height
 5. Erect & dismantle scaffolding to a height of 3.5 metres

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 45 Days

Building Skills : Handyman

Course Content :

Basic Carpentry

- Use basic hand tools
- Fit door & lockset
- Install section of ceiling
- Fit skirting
- Glazing

Basic Plumbing

- Use basic hand tools
- Identify & repair tap & toilet compartments
- Cutting & fitting copper / polycop pipes & fittings
- Repair gutters & down pipes

Basic Bricklaying

- Use basic hand tools
- Construct a brick corner
- Plaster straight wall & corner
- Basic tiling
- Build wall in stretcher bond
- Build in a door frame
- Repair plaster patches

Basic Electrical Work

- Repair basic appliances
- Basic wiring of plugs & fittings
- Attend to light fittings – change globes etc.
- Isolating D. B.

Use of Power Tools

- Drill
- Skill saw
- Jig saw
- Planer

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 10 Days

Building Skills : Advanced Handyman

Course Content :

Basic Carpentry

- Use basic hand tools
- Fit door & lockset
- Install section of ceiling
- Fit skirting
- Glazing
- Patch door frame
- Repair window furniture

Basic Plumbing

- Use basic hand tools
- Identify & repair tap & toilet compartments
- Cutting & fitting copper / polycop pipes & fittings
- Repair gutters & down pipes
- Install toilet, sink, bath, & basin

Basic Bricklaying

- Use basic hand tools
- Construct a brick corner
- Plaster straight wall & corner
- Basic tiling
- Build wall in stretcher bond
- Build in a door frame
- Repair plaster patches
- Build in bath

Basic Electrical Work

- Repair basic appliances
- Basic wiring of plugs & fittings
- Attend to light fittings – change globes etc.
- Isolating D. B.

Painting Gloss / PVA Varnish

- Preparation
- Priming
- First coat
- Second coat
- Final

Use of Power Tools

- Drill
- Skill saw
- Jig saw
- Planer

Entry Assumptions : NQF Level 1 (ABET level 2)

Duration : 15 Days