

APPRENTICESHIPS

WELDING | PLUMBING | ELECTRICIAN | CARPENTRY



*Trades: A CAREER and EMPLOYMENT
Guaranteed for Life!
...after Rugby!*

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PLAY  **STAY**  **STUDY**  **TRAVEL**



**Quality Council
for Trades
& Occupation**

WELDER

OVERVIEW

Welders are needed in almost every industry and the demand is high for skilled professionals in this trade. This is a very rewarding occupation for people interested in working with their hands and who would enjoy building and fixing things in a variety of environments. Welding can offer great travelling opportunities and is done everywhere - from the ocean floor to space and even in military operations and motorsport activities. Whether you start your career in engineering or go to weld on power plants, refineries or pipelines - you will be able to move to different industries and even practice your trade in automotive manufacturing, shipbuilding and aerospace settings. This qualification will enable learners to meet qualified trades person specifications - using electric arc or gas welding techniques. The qualification includes theoretical content to establish a sound understanding of welding processes, materials, equipment, safety regulations and quality measures.

PROGRAM OUTLINE

Knowledge Modules

- Introduction to the welding trade.
- Occupational safety, health and environmental protection.
- Welding schematics, calculations, welds and welded joints.
- Weld imperfections.
- Cutting and gouging.
- Welding consumable classification and handling.
- Metals and weldability of metals.
- Fusion welding.
- Arc welding.
- Gas welding and cutting.
- Welding codes, standards and parameters.
- Shrinkage, residual stress and distortion.
- Manual Metal Arc (MMA) welding process.
- The Metal Inert Gas/Metal Active Gas/Flux.
- Cored Arc (MIG/MAG/FCAW) welding process.
- Welding Inspection and quality.

Practical Skills Module

- Fabricate simple components or work pieces.
- Cut, gouge and gas weld material.
- Perform fillet welds using the Shielded Metal Arc welding Process.
- Perform fillet welds using the Gas Tungsten Metal Arc welding Process.
- Perform plate butt welds using the Shielded Metal Arc welding Process.
- Perform plate butt welds using the Gas Metal Arc welding Process.
- Perform plate butt welds using the Gas Tungsten Metal Arc welding Process.
- Perform pipe welds using the Shielded Metal Arc welding Process.
- Perform pipe welds using the Gas Metal Arc welding Process.
- Perform pipe welds using the Gas Tungsten Metal Arc welding Process.

Work Experience Module

- Cut and gouge a range of materials in the workshop.
- Produce a range of fillet welds using various welding processes in a workshop.
- Care for, control and handle consumables and materials in a workshop.
- Produce a range of plate welds using various welding processes in a workshop.
- Team work, communication and reporting in a workshop.
- Produce a range of pipe welds using various welding processes in a workshop.

Specifications and Duration:

Credits: 373 | Duration: 3 Years

Entry Requirements:

NQF Level 1 or GR9 qualification

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PLUMBER

OVERVIEW

The high demand for qualified artisans and tradespeople makes plumbing an excellent career choice - offering you the potential to carve your own path and become self-employed. Plumbing offers real job security as plumbers are not at risk of being replaced by machines to get the job done. Part of what makes plumbing a stimulating vocation, is the opportunity to work in varied surroundings and locations. Plumbing involves installation, maintenance and repair of water supply lines, waste disposal systems, drainage pipes and all the appliances and fixtures. The role also entails assembly work - for which learners will be prepared, together with instruction to perform basic building work as required. This qualification covers all aspects of the plumbing industry and will qualify learners to operate as a plumber in the residential and industrial sectors. Lessons include theory and practical components to optimise skills development and equip the learner with the necessary tools to perform plumbing activities that align with the current standards and regulations.

PROGRAM OUTLINE

Knowledge Modules

- Health, safety, quality and legislation.
- Environment, energy efficiency and ethics.
- Tools, equipment, components and site practice.
- Theory of water and drainage excavation.
- Above and below ground drainage systems.
- Sanitary ware.
- Hot and cold water systems.
- Installation and maintenance theory for plumbing systems.
- Drawings and applied sciences.

Practical Skills Module

- Install, maintain and test of:**
- Above-ground soil waste and vent systems and sanitary ware appliances.
 - Below-ground drainage systems.
 - Cold water and hot water systems.
 - Rain water systems.

Work Experience Module

- Processes and procedures for installation and testing of:**
- Above-ground soil waste and vent systems and sanitary ware appliances.
 - Below-ground drainage systems and performing basic building work.
 - Cold and hot water systems.
 - Rain water systems.

Specifications and Duration:

Credits: 360 | Duration: 3 Years

Entry Requirements:

NQF Level 3 or GR11 qualification

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CARPENTER

OVERVIEW

The purpose of this qualification is to prepare a learner to operate as a carpenter. Carpenters construct, erect, strip, install, renovate and repair structures and fixtures of wood, plywood, paneling, timber, steel form-work and access materials. This qualification resides as one of several in the construction industry and makes allowance for any feeder occupations to gain access to the Carpenter occupation. The Carpenter qualification also makes provision for people to progress within this discipline to specialization areas including constructing, erecting and installing roofing and partitioning. The main benefits of this qualification for the learner is that the learner has an opportunity to be recognized as a qualified artisan with well structured, relevant and current competencies and are able to either charge increased rates or gain access to entrepreneurial opportunities within the construction environment.

A qualified Learner will be able to:

- Determine materials, dimensions required and setting out and preparing a work area on a construction site.
- Construct, erect, install and maintain structures on work area and building sites.
- Fit, assemble and alter internal and external structures of buildings such as walls, doors, window frames, fascia boards and paneling.

PROGRAM OUTLINE

Knowledge Modules

- Health, safety, quality and legislation.
- Environment, energy efficiency and ethics.
- Tools, equipment, materials and workshop practice.
- Drawings and applied sciences.
- Communication theory.
- Industry contexts.
- Carpentry form-work and cutting.
- Shoring trenches/excavations.
- Roofing.
- Partitioning/Ceiling
- Carpentry finishing.

Practical Skills Module

- Set out work area.
- Cut materials according to specifications using hand and power tools.
- Install structures.
- Fabricate, erect and strip steel and timber form-work.
- Prepare and erect ceilings, roof trusses, partitions and paneling.
- Clad roof structures.
- Finish carpentry activities.

Work Experience Module

- Processes and procedures to plan and prepare for carpentry activities in a construction environment.
- Processes and procedures for constructing, erecting and installing form-work within the construction environment.
- Processes and procedures for constructing, erecting and installing roofing and partitioning within the construction environment.
- Processes and procedures for fitting, assembling and altering internal and external fixtures of buildings.

Specifications and Duration:

Credits: 360 | Duration: 3 Years

Entry Requirements:

NQF Level 3 or GR11 qualification

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ELECTRICIAN

OVERVIEW

The future for electricians in South Africa and around the globe is wired for growth. The high demand for qualified and skilled electrical practitioners provides opportunities in a number of sector's including residential, commercial, industrial, telecommunications and transport. With many career paths to choose from, this is a rewarding occupation for people who are hands on with an interest in technology. An electrician is a tradesperson specializing in electrical wiring of buildings, machines and related equipment. The scope of this trade is from installation, through to maintenance and repair of related electrical infrastructure. This qualification prepares a learner to operate as an electrician in compliance with the latest industry regulations, developments and trends. The key competencies recognized in this field include the ability to do fault finding, maintain, repair and install electrical problems and repairing equipment during operation. These capabilities require sound understanding of electrical theory and drawings, wiring and control systems, components, instrumentation and materials.

PROGRAM OUTLINE

Knowledge Modules

- Health, safety, quality and legislation.
- Tools, equipment and materials.
- Electricity and electronics.
- Industrial context.
- Rotating electrical machinery.
- Electrical supply systems and components.
- Low voltage protection.
- Fault finding.
- Wire-ways and wiring.

Practical Skills Module

- Use hand and power tools.
- Plan and prepare process for the wiring, connection, testing, inspecting, commissioning and maintaining of electrical installations and control systems.
- Prepare work-site set up for installing, wiring and connecting electrical equipment and control systems.
- Install wire-ways.
- Install, wire and connect electrical equipment and control systems.
- Conduct pre-commission inspection (power off) fault finding and test new and existing installations.
- Carry out commissioning tests.
- Fault find and repair electrical systems and electrical installations.

Work Experience Module

- Plan and prepare for the wiring, connection, testing, inspecting, commissioning and maintaining of electrical installations and control systems.
- Processes of installations, wiring and connection of electrical equipment, control systems and installations.
- Processes of commissioning electrical installations and control systems.
- Maintenance processes for electrical installations and control systems.

Specifications and Duration:	Entry Requirements:
Credits: 360 Duration: 3 Years	NQF Level 1 or GR9 qualification

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INVESTMENT OPTIONS



BANKING DETAILS

BANK	NEDBANK
BRANCH CODE	198765
ACCOUNT HOLDER	AFRICA SKILLS VILLAGE
ACCOUNT TYPE	CURRENT ACCOUNT
ACCOUNT NUMBER	1626568162

Please use student Name and Surname as reference when making payment

A non-refundable application fee of R500 is payable upon application for all programmes

PROGRAMME	FEES	DEPOSIT	DURATION	INSTALLMENTS		
Apprenticeship • Plumbing • Welding • Electrical • Carpentry	R 117 500	R 5 000	3 YEARS	YEAR 1	R 45 000	R4 500 X 10
				YEAR 2	R 45 000	R4 500 X 10
				YEAR 3	R 22 500	R4 500 X 5
Project Management NQF 5	R 28 000	R 5 000	12 MONTHS	R 23 000	R2 300 X 10	
Generic Management NQF 5	R 28 000	R 5 000	12 MONTHS	R 23 000	R2 300 X 10	
Tourism Info Officer NQF 5	R 28 000	R 5 000	12 MONTHS	R 23 000	R2 300 X 10	
Mixed Farming Systems NQF 5	R 28 000	R 5 000	12 MONTHS	R 23 000	R2 300 X 10	
Animal Production NQF 5	R 28 000	R 5 000	12 MONTHS	R 23 000	R2 300 X 10	
Plant Production NQF 5	R 28 000	R 5 000	12 MONTHS	R 23 000	R2 300 X 10	
Registered Bookkeeper NGF3	R 30 000	R 5 000	12 MONTHS	R 25 000	R2 500 X 10	
Handyman NQF 3	R 12 500		3 WEEKS	FULL COURSE FEE IS PAYABLE PRIOR TO START DATE		

Disclaimer

- All prices include VAT.
- Fees are only applicable for 2021/2022 registration.
- Fees subject to alteration without prior notice.
- The availability of a course cannot be guaranteed at the time of application.
- Each course has specific admission requirements.

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