



CONSTRUCTION

NATIONAL CERTIFICATE: BUILDING AND CIVIL CONSTRUCTION

COURSE INFORMATION

SAQA ID: 65409
NQF Level: 3
Learnership Duration: 12 months
Credits: 140
Contact Sessions: Minimum Contact Session, including remediation (if required), and Portfolio Building for this Qualification is **28 days**
Accrediting SETA: Construction Sector Education & Training Authority

PURPOSE

Typically, qualifying learners are employed in the construction sector as painters, tillers, plasterers, masons, joiners, carpenters, roofers, or are self-employed as micro-enterprise owners who provide services to construction contractors and members of the public (e.g. private households).

ENTRY CRITERIA

- Communication at NQF Level 2.
- Mathematical Literacy at NQF Level 2.

QUALIFICATION RULES

This qualification is made up of fundamentals, core and elective unit standards and a minimum of 140 credits is required to complete the qualification:

- Core unit standards totalling 52 credits are compulsory.
- Fundamental unit standards totaling 36 credits are compulsory.
- Elective component: Specialisation in either Carpentry OR Concrete Formwork. Learners are required to select unit standards totaling a minimum of 52 credits.

EQUIPMENT NEEDED

- Scaffolding • Construction tools and small machinery • First Aid consumables • Depending on electives: Steel and timber for formwork, Cladding for roofing, Finishing consumables • Cement.

MARKET INFORMATION

Target Market: Painters • Tilers • Plasterers • Carpenters • Masons • Joiners • Roofers • Self-employed as micro-enterprise owners who provide services to construction contractors and members of the public.
Target Industries: Construction • Municipalities.

COURSE INFORMATION

- **Mentor Requirements:** Mentor must have at least 5 years' experience in a construction environment.
- **Workplace Approval:** Required
- **Workplace Requirements:** Learners must be exposed to all Outcomes related to this qualification.

SKILLS OUTCOMES


Fundamentals and Core


- Plan construction activities using mathematical principles.
- Communicate with relevant persons.
- Plan construction activity.
- Establish work area.


Electives (depending on which electives are chosen):

- Execute a construction activity. Construction activities include Painting, Tiling, Plastering, Masonry, Joinery, Carpentry, and Roofing.

GENERAL INFORMATION

 **Credit Accumulation Transfer (CAT):** CAT exemption is only applicable to approved learners. Approved learners will have reduced contact days. Learners who do not meet the CAT requirements will be required to complete Part 1 and Part 2 of every Cluster.

 **FISA Requirements:** Final Integrated Summative Assessment is not a requirement for the successful completion of this learnership.

 **Recognition of Prior Learning (RPL):** RPL is not available for this qualification



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UNIT STANDARDS

Cluster 1 Communication Skills – Credit Accumulation Transfer is applicable to the unit standards below

Core	SAQA ID	Name of Unit Standard	Credits
Fundamental	119472	Accommodate audience and context needs in oral/signed communication	5
Fundamental	119457	Interpret and use information from texts	5
Fundamental	119467	Use language and communication in occupational learning programmes	5
Fundamental	119465	Write/present/sign texts for a range of communicative contexts	5

- Recommended training days for Cluster 1 is 4 days

Cluster 2 Numeracy Skills- Credit Accumulation Transfer is applicable to the unit standards below

Core	SAQA ID	Name of Unit Standard	Credits
Fundamental	9010	Demonstrate an understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations	2
Fundamental	9013	Describe, apply, analyse and calculate shape and motion in 2-and-3 dimensional space in different contexts	4
Fundamental	9012	Investigate life and work related problems using data and probabilities	5
Fundamental	7456	Use mathematics to investigate and monitor the financial aspects of personal, business and national issues	5

- Recommended training days for Cluster 2 is 3 days

Cluster 3 Health and Safety

Core	SAQA ID	Name of Unit Standard	Credits
Core	259605	Verify compliance to safety, health and environmental requirements in the workplace	4
Core	14672	Describe the composition, role-players and the role of the construction industry in the South African economy	4
Core	254220	Provide primary emergency care/first aid as an advanced first responder	8

- Recommended training days for Cluster 3 is 3 days

Cluster 4 Administration and Planning

Core	SAQA ID	Name of Unit Standard	Credits
Core	261661	Develop construction work plans	8
Core	261664	Erect, use and dismantle access equipment for construction work	6
Core	261658	Identify, use and maintain tools, machines, equipment and materials for building and civil construction activities	4
Core	261737	Procure building and civil construction materials, tools and equipment	8
Core	14580	Read and interpret construction drawings and specifications	10

- Recommended training days for Cluster 4 is 7 days



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Cluster 5 (electives)

Option 1 - Concrete Formwork

Core	SAQA ID	Name of Unit Standard	Credits
Elective	14226	Fabricate, erect and strip formwork for straight walls, columns and bases	15
Elective	14224	Fabricate, erect and strip steel and timber formwork for T-walls, decks and beams and single flight staircases	12

- Recommended training days for Cluster 5 option 1 is 5 days

Option 2 – Carpentry

Outcome	SAQA ID	Name of Unit Standard	Credits
Elective	14674	Clad roof structures	16
Elective	14676	Erect roof trusses	16
Elective	14673	Install finishing components	16

- Recommended training days for Cluster 5 option 2 is 8 days

Additional Electives

Outcome	SAQA ID	Name of Unit Standard	Credits
Elective	9971	Apply screeds to a concrete floor	15
Elective	14632	Build decorative masonry elements	25
Elective	261663	Build masonry superstructures using concrete hollow units	10
Elective	261659	Build masonry superstructures using solid units	20
Elective	14679	Manufacture timber roof trusses	6
Elective	14882	Apply screeds to a concrete floor	15
Elective	14662	Set out, excavate, cast concrete strip foundations and build foundation walling	6

- Recommended training days for additional electives is dependent on the elective chosen, a minimum of 52 credits is required.