



# NATIONAL CERTIFICATE: BUILDING AND CIVIL CONSTRUCTION

## NQF



3

## SAQA



65409

## TRAINING DAYS



30

## DURATION



12 months

## CREDITS



140

## SETA



CETA

## AVAILABLE DELIVERY METHODOLOGY



### Online

This course is not available online.



### Instructor Led

100% Trainer led methodology in order for learners to achieve applied competence



### Blended

Variety of learning methodologies used for learners to achieve applied competence

## PURPOSE

The qualification not only allows qualifying learners to gain access to the formal construction sector, but also recognises any previously acquired competence that current workers in the sector may hold and improves their employability prospects.

This qualification will support the creating of a larger community of competent building and civil construction workers and ensure that this sector of the national economy is positively sustained.

### Rules regarding Fundamental, Core and Electives:

- Fundamental unit standards totaling 36 credits.
- Core unit standards totalling 52 credits.
- Elective units standards toatally 52 credits.

## ENTRY CRITERIA

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

## 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.

## 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 companies • Municipalities.

## RESOURCE REQUIREMENTS

- Scaffolding
- Construction tools and relevant machinery
- First Aid consumables

### Depending on area of specialisation chosen:

- Steel and timber for formwork, Cladding for roofing, Finishing consumables, Cement.

## 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 with CAT requirements will need to complete all Clusters in full.

FISA Requirements: Final Integrated Summative Assessment is a requirement for the successful completion of this learnership.

Recognition of Prior Learning: RPL is not available for this qualification.

**For more information on how your organisation can benefit, contact Training Force:**

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# CONSTRUCTION

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

Outcome	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 3 days.

**Cluster 2 - Mathematical Skills - Credit Accumulation Transfer is applicable to the unit standards below:**

Outcome	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**

Outcome	SAQA ID	Name of Unit Standard	Credits
Core	259604	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.



# CONSTRUCTION

## Cluster 4 - Administration and Planning

Outcome	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.

## Cluster 5 - Area of specialisation (Choose from option 1 or 2 then follow from additional Electives table as stated)

### Option 1 - Concrete Formwork

Outcome	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 9 days.



# CONSTRUCTION

## Additional Electives

If you chose Option 1 above, you should select unit standards worth 25 credits from the list below

If you chose Option 2 above, you should select unit standards worth 4 credits from the list below

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.