



# Building and Civil Construction

## NQF Level 3 - SAQA ID: 65409 (140 Credits)

 12 months  R 26 500 Ex 15% VAT per learner  Onsite (min of 10 delegates)

### **About** this Learnership

This certificate programme is aimed to develop qualifying learners who are employed in the construction sector as painters, tilers, plasterers, masons, joiners, carpenters, roofers, or self-employed as micro-enterprise owners who provide services to construction contractors and members of the public (e.g. private household).

NOTE: Registered Learners who successfully complete the course will be given a toolbox. Terms & Conditions apply.

\*Please note: This option is available as an RPL (Recognition of Prior Learning) Learnership.

### **What** is needed before attending this learnership

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

### **Programme** outcomes

On achieving this qualification, the learner will be able to:

- Plan construction activities using mathematical principles (Construction activities include Painting, Tiling, Plastering, Masonry, Joinery, Carpentry, and Roofing).
- Communicate with relevant persons.
- Plan construction activity.
- Establish work area.
- Execute construction activity.

**\*Qualification Certificates are issued by CETA**

# Qualification Breakdown

Unit Standard	Learning Unit /Module	NQF Level	Credits
<b>Safe Practices</b>			
259604	Verify compliance to safety, health and environmental requirements in the workplace	2	4
254220	Provide primary emergency care/first aid as an advanced first responder	3	8
261664	Erect, use and dismantle access equipment for construction work	3	6
<b>Building Construction Management</b>			
14672	Describe the composition, roleplayers and the role of the construction industry in the South African economy	3	4
261661	Develop construction work plans	3	8
261737	Procure building and civil construction materials, tools and equipment	3	8
261658	Identify, use and maintain tools, machines, equipment and materials for building and civil construction activities	3	4
14580	Read and interpret construction drawings and specifications	3	10
9010	Demonstrate an understanding of the use of different number bases and demonstrate an understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations	3	2
9013	Describe, apply, analyse and calculate shape and motion in 2– and 3-dimensional space in different contexts	3	4
9012	Investigate life and work related problems using data and probabilities	3	5
7456	Use mathematics to investigate and monitor the financial aspects of personal, business and national issues	3	5
<b>Communication Skills</b>			
119472	Accommodate audience and context needs in oral/signed communication	3	5
119467	Use language and communication in occupational learning programmes	3	5
119457	Interpret and use information from texts	3	5
119465	Write/present/sign texts for a range of communicative contexts	3	5
<b>Painting Specialisation (compulsory)</b>			
261697	Prepare surfaces for painting (compulsory for the painting trade)	3	20
261666	Prime and apply paint to surfaces (compulsory for the painting trade)	3	18
<b>Tiling Specialisation (compulsory)</b>			
261665	Prepare surfaces and apply tiles (compulsory for the tiling trade)	3	20
<b>Plastering Specialisation (compulsory)</b>			
9969	Prepare for plastering (compulsory for the plastering trade)	3	15
261657	Plaster surfaces (compulsory for the plastering trade)	3	12
9971	Apply screeds to a concrete floor (compulsory for the plastering trade)	3	15



*NB: It is the responsibility of the employer to complete and submit a learnership agreement to their relevant SETA for registration purposes. CBM Training will register the students on the National Learnership Database against the selected Qualification (Learnership).*

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Unit Standard	Learning Unit /Module	NQF Level	Credits
<b>Masonry Specialisation (compulsory)</b>			
261663	Build masonry superstructures using concrete hollow units (compulsory for the masonry trade)	3	10
261659	Build masonry superstructures using solid units (compulsory for the masonry trade)	3	20
14662	Set out, excavate, cast concrete strip foundations and build foundation walling (compulsory for the masonry trade)	3	6
<b>Carpentry Specialisation (compulsory)</b>			
14674	Clad roof structures (compulsory for the carpentry trade)	3	16
243751	Interpret and apply building standards relevant to ceiling and partitioning	3	12
14676	Erect roof trusses (compulsory for the carpentry trade)	3	16
14673	Install finishing components (compulsory for the carpentry trade)	3	16
<b>Concrete Formwork Specialisation (compulsory)</b>			
14226	Fabricate, erect and strip formwork for straight walls, columns and bases (compulsory for the concrete formwork trade)	3	15
14224	Fabricate, erect and strip steel and timber formwork for T-walls, decks and beams and single flight staircases (compulsory for the concrete formwork trade)	3	12
<b>Rofer Specialisation (compulsory)</b>			
14674	Clad roof structures	3	16
14676	Erect roof trusses	3	16
14679	Manufacture timber roof trusses	3	6
<b>Joinery Specialisation (compulsory)</b>			
261681	Prepare cutting lists, set-out and mark off for machining purposes	3	4
261680	Manufacture wooden components	3	4
261679	Manufacture and fit door and window frames	3	8
261678	Manufacture and install cupboards, counters, staircases and mouldings from wood and wood composites	3	12
261677	Manufacture and install partitioning and wall panelling from wood	3	4
261662	Finish products manufactured from wood and wood composites	3	4
<b>Select from these Electives to total a minimum of 140 credits</b>			
14491	Apply industrial protective coatings	4	8
14493	Apply special surface coatings	4	8
261660	Apply paint by spray	3	8
10003	Apply specialist tiling to surfaces	4	18



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Unit Standard	Learning Unit /Module	NQF Level	Credits
<b>Select from these Electives to total a minimum of 140 credits</b>			
14882	Apply screeds to a concrete floor	2	15
10002	Plaster walls and screed a floor and steps	3	15
11533	Apply specialist plastering and screeding to surface	4	18
14650	Pave surfaces using flexible segmental paving	3	9
14654	Pave surfaces using rigid segmental clay paving	3	9
13977	Install gunite materials for refractory linings	3	10
14657	Prepare and install imprint concrete pavement	3	9
261717	Prepare and lay precast block paving	3	10
14632	Build decorative masonry elements	3	25
14679	Manufacture timber roof trusses (compulsory for the roofer trade + all of the above)	3	6
261677	Manufacture and install partitioning and wall panelling from wood	3	4
261680	Manufacture wooden components	3	4
243757	Prepare a site for ceiling and partition installation	3	13
261679	Manufacture and fit door and window frames	3	8
14225	Fabricate, erect and strip steel and timber formwork for curved, sloped and Ewalls and curved bases with kicker, incorporating waterbar	4	20
<b>Electives - Business Skills</b>			
117420	Administer payments and expenses	3	4
9973	Apply basic business concepts	3	8
10324	Describe features, advantages and benefits of a range of products or services	4	6
14665	Interpret current affairs related to a specific business sector	3	10



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