

Certificate in masonry-Apprenticeship



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Certificate in Masonry-Apprenticeship

TVET PROGRAMME



Purpose

The purpose of this award is to enable the learner to attain the standard required to achieve the Certificate at level 3 on the National Qualifications Framework (NQF) through acquisition of the knowledge, mastery of skill and attitudes essential in masonry. It is aimed at learners who work or want to work in the construction industry. This training can also offer the learner the opportunity to specialize in a particular area of this rewarding field, including building maintenance, home renovations, tiling, concreting, plastering and many more.

Certificate in masonry-Apprenticeship

Introduction

The Certificate in Masonry is a one-year (1200hours) training programme offered full-time or **18 months** on Apprenticeship training mode to secondary five (S5) school leavers and mature learners. This is equivalent to just over three(3) semesters.

To qualify for the certificate, a learner has to successfully complete all the required units/courses on the programme. Total number of credits to be accumulated is 120 credits.

A graduate with the Certificate in Masonry is one who can work under proper supervision.

Entry Criteria

Learners wishing to apply for the Certificate in Masonry must have attained a minimum score of **40%** at the National Examinations in the following subjects: English, Mathematics, Physics or General Science or Design Technology

Learners should be able to:

- ⇒ Demonstrate a basic understanding of the construction industry and the role/responsibility of masons in Seychelles.
 - ⇒ Set out and prepare masonry work areas.
 - ⇒ Read and interpret drawings and prepare tools, equipments and materials accordingly.
 - ⇒ Apply health, Safety and security procedures in the workplace.
 - ⇒ Construct and maintain masonry structures.
 - ⇒ .Construct paving and apply rendering to the required standard ect....
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Certificate in masonry-Apprenticeship

Career Opportunities

Masons are employed to Construct and maintain masonry structures. The mason can also work as sales assistance in hard ware and DIY shops They perform work in different situation and environment. Prospect for those entering this industry are projected to be excellent. The building and construction industry engage

masons in the construction of buildings and other structures, alterations, additions, reconstruction, maintenance and repairs of buildings and other structures.

Some of the job opportunities in the construction industry include masons in the Hotel industry, working with contractors, and self-employed masons.

Masons is very much in demand in Seychelles.

Progression and Further Studies

Graduates on the Certificate in Masonry can apply for the Advanced certificate and later the National Diploma in Construction.

Certificate in masonry-Apprenticeship

Assessment Technique (s) including weighting (s)

The Certificate grade is based on a weighted average of all unit result grades. Assessment approach varies from one unit to another. During every unit of study there is a minimum number of continuous assessments which the learner must undertake. This could be in the form of small tests and assignments. For the final unit assessments, in most cases a learner will have to sit for both a theory paper which can be multiple choice, structured or a mixture and a practical for skills demonstration.

Work based experience (WBE) is a compulsory unit and is assessed by the supervisor in the work place for the apprenticeship learners and through compilation of a portfolio and assessed against the performance criteria for the different elements in the WBE unit for learner on part-time.

To attain the required standard, a minimum of a pass grade must be achieved in all assessments prescribed.

Pass mark for every unit on the programme is **55%**.

As per SIT Assessment Policy, the final mark for a unit is made up of 40% of all continuous assessments plus 60% from the results of the final unit assessment (s) and the following grades and corresponding marks are used

Not yet Competent-NYC-0	—	54%
Pass	- P	-55%-69%
Credit or Merit	- M or C	- 70% - 84%
Distinction	- D	- 85%+

Certificate in masonry-Apprenticeship

Certification

To be awarded with a certificate in Masonry the learner must have achieved the expected performance criteria set out in the different elements of each unit that make up the programme.

The total credit requirement for this Certificate is 120 Credits. This qualification is a level 3 on the National Qualification Framework (NQF).



Certificate in masonry-Apprenticeship

List of Statements of Competencies for Certificate in Masonry

Statement of competency	Unit title	Semester (s) involved	Number of Credits
1. Apply health, safety and security procedures in the context of Masonry	Health, safety and security	1	4.5
2. Demonstrate Knowledge and practice of tools, instrument and equipment	Tools, Instrument and equipment	1	4.5
3. Demonstrate knowledge and practice of machines used for construction work	Machines used in construction	2	3
4. Demonstrate Knowledge of the types of materials used in the context of masonry	Materials	1	4.5
5. Analyse the occupation of mason in the context of Seychelles	Masons' occupation	1	3
6. Demonstrate knowledge and practice of making blocks and bricks	Block making	2	3
7. Apply principles and practices of block/brick wall construction	Block/Brick Wall construction	1, 2	25.5
8. Demonstrate knowledge and practice of rendering and Plastering	Rendering and Plastering	2	3
9. Demonstrate knowledge and practice of Electricity in the context of masonry	Electricity	2	3

Certificate in masonry-Apprenticeship



Certificate in masonry-Apprenticeship

Structure of the Programme:

Semester 1	Semester 2
Health, Safety and Security Procedures (30/15)	Block Making (20/10)
Masonry Occupation in the context of Seychelles (20/10)	Opening in Wall (20/10)
Tools, Instrument and Equipment (30/15)	Electricity 1 (20/10)
Materials (30/15)	Machinery in Construction (20/10)
Block/Brick Wall Construction 1 (90/45)	Block/Brick Wall Construction 2 (80/40)
	Rendering and Plastering 1 (20/10)
	Pavement Construction 1 (20/10)
	Concreting 1 (20/10)
English (20/10)	ICT (20/10)
Mathematics 1 (20/10)	
Technical Drawing 1 (20/10)	Technical Drawing 2 (20/10)
Work Based Experience (W.B.E rotation 1) (210)	Work Based Experience (W.B.E rotation 2) (210)
Semester one: 260/130 (390) Notional Hours (260+130+210) = 600	Semester two: 260/130 (390) Notional Hours (260+130+210) = 600
Number of contact hours / Non-contact hours per semester	

Certificate in masonry-Apprenticeship

10. Apply principles and practice of. opening in walls	Opening in walls	2	3
11. Apply principles and practice of construction of Pavement construction.	Paving	2	3
12. Demonstrate knowledge and practice of concreting	Concrete	2	3
13. Apply principles and practices of technical drawing in the context of masonry	Technical drawing	1,2	6
14. Apply principles and practices of mathematics in the context of masonry	Mathematics	1	3
15. Use oral and written English in the context of masonry	English	1	3
16 Use ICT in the context of masonry	ICT	2	3
17. Demonstrate knowledge and skills relevant to masonry during work based-experience	Work Based Experience (WBE)	1,2	42
	Total		120

Certificate in masonry-Apprenticeship



Certificate in masonry-Apprenticeship

Books and References for Study

A number of publications are available for the study and training in the Certificate in Masonry. They are books which are regularly updated with new editions. Learners are advised to identify the latest editions.

The following are available in the SIT library and can be borrowed for study and reference:

Brickwork level 1,2. Malcolm Thorpe

Block Laying and concreting (second Edition) . M.O.Obande

Brickwork 2. W. G. Nash

Block laying and Concreting (Second Edition)

M.O.Obande

The Complete Guide to HOME MASONRY. Black and Decker

Brickwork 3 (Second Edition) and associated studies. Harold Bailey and David Hancock

Mastering Business Communication, LA Woolcot & WR

ICT Basi Skills 1,Introduction to ICT, Gilford T. Hapanyengwi

