

Certificate in Stone Masonry and Brick Laying

Applying for this course

To apply for this course, you should be 16 years of age or older.

Course Duration

This course is of 120 hours duration and consists of three Modules

- Module 1 is of 13 hours duration – (including 1-hour assessment)
- Module 2 is of 35 hours duration – (including 3-hour assessment)
- Module 3 is of 72 hours duration – (including 5-hour assessment)

General pedagogical guidelines and procedures for this course:

The delivery of this course will be mainly held through a series of discussions, class work exercises and hands-on training. These will enable the learners to practice and consolidate the classroom training. The trainer will also be holding lessons with the learners which will consist of various presentations and role-play situations.

General assessment policy and procedures for this course:

The learner will be assessed through an ongoing assessment for learning by way of oral, written or practical exercises that will take place throughout each module, to assess and consolidate the learning being covered.

Module 1 Learning Outcomes – Occupational Health and Safety in Work Environments

<ul style="list-style-type: none">✓ Comply with health and safety procedural standards at the workplace✓ Deal with the hazards and risks associated with workplace activities appropriately✓ Implement basic precautionary measures at the place of work to ensure the safety of one's self, the safety of other persons and due care for third parties' property✓ Apply routine maintenance and use one's own personal protective equipment in accordance with manufacturer's instructions✓ Employ the safety features and safety guards of power tools and equipment in accordance with manufacturer's instructions to minimise risks	<ul style="list-style-type: none">✓ Comply with best practices on how to safely work at heights by setting up suitable scaffolding systems✓ Work with management/supervisors to identify and communicate near miss incidents including unsafe or faulty tools and equipment✓ Deal with a manageable fire using the most suitable class of fire extinguishers✓ Handle, store and dispose of hazardous materials correctly and safely✓ Collaborate with co-workers to minimise and correctly dispose of waste materials
---	---

Module 1 Assessment: The assessment paper will be divided into 1 section:

- Section A – multiple choice questions which all need to be answered.

The duration of this assessment is of 1 hour and the pass mark is that of 45%.

Module 2 Learning Outcomes – Terminology & Building Tools, Building Drawings and Basic Architecture

<ul style="list-style-type: none">✓ Carry out building tasks using the appropriate building tools safely and correctly✓ Carry out stone masonry and brick laying tasks following specifications taken from drawings✓ Carry out stone masonry and brick laying tasks following calculated measurements of works✓ Collaborate with co-workers and management by storing materials on site in an appropriate space as predesignated from building plans✓ Work with co-workers by utilising appropriate equipment or asking for assistance to handle and move heavy objects when these tasks are recognised from building plans	<ul style="list-style-type: none">✓ Carry out stone and brick laying tasks on slanting slopes✓ Carry out preparation and laying of stones and bricks to assist tradesperson when constructing arches from drawings✓ Carry out tasks to assist tradesperson by following instructions taken from drawings in construction of cantilever stairs, concrete and stone stairs, geometrical stairs, elliptical stairs, and turret stairs from drawings✓ Work with tradesperson to comply with sanitary and building laws of Malta on a given building project
---	--

Module 2 Assessment: The assessment paper will be divided into 2 assessment papers, one written and one practical:

- Paper I (Written 1 hour) – Multiple-choice questions which all need to be answered.
- Paper II (Practical 2 hours) – Hands-on and open ended practical related questions which all need to be answered.

The total duration of this assessment is of 3 hours, 1 hour for the Paper I and 2 hours for the Paper II, and the pass mark is that of 45% in each paper.

Module 3 Learning Outcomes – Construction

<ul style="list-style-type: none">✓ Collaborate by following the key points in the Development and Control Policy and Design Guidance 2007 for the Maltese construction industry, as instructed when assisting in laying brick and stone✓ Carry out construction tasks by laying different types of stones and bricks used in the construction industry✓ Carry out tasks of levelling ground ready for laying stones and brickwork✓ Carry out tasks of preparing ground and form work for concrete works✓ Carry out tasks of preparing mortar and tar for a given building project✓ Collaborate by assisting the tradesperson in the construction of different types of arches	<ul style="list-style-type: none">✓ Carry out the preparation and maintenance of stone dressing tools✓ Carry out tasks of reducing stones and bricks to size✓ Carry out tasks of removing and replacing stones and bricks in a restoration project✓ Carry out tasks of building a rubble wall✓ Carry out tasks to clean the work site and complete the given building project with a professional finish✓ Carry out appropriate steps in order when preparing a work site, prior to laying bricks and traditional stone
---	--

Module 3 Assessment: The assessment paper will be divided into 2 assessment papers, both practical:

- Paper I (Practical 2 hours) – Hands-on and open ended practical related questions which all need to be answered.
- Paper II (Practical 3 hours) – Hands-on questions which all need to be answered.

The total duration of this assessment is of 5 hours, 2 hours for Paper I and 3 hours for the Paper II, and the pass mark is that of 45% in each paper.