

# Vocational Education and Training Award in Tile Laying

## Applying for this course

To apply for this course, you should be 16 years of age or older and have an MQF Level 1 qualification in Mathematics, English and Maltese. Furthermore, those who completed the VET Award as Assistant Tile Layer are also eligible to apply for this course. If you do not have these qualifications but possess other qualifications or relevant experience, kindly contact us on [qa.jobsplus@gov.mt](mailto:qa.jobsplus@gov.mt). stating your ID card number, attaching copies of your qualifications and a copy of your CV highlighting your work experience. Alternatively, you can send the requested information by post addressed to: Quality Assurance Unit, Jobsplus Training Complex, Triq Birżebbuġa, Ħal Far BBG3000.

## Course Duration

This course is of 108 hours duration and consists of four Modules

- Module 1 is of 17 hours duration - (including 1-hour assessment)
- Module 2 is of 15 hours duration - (including 1-hour assessment)
- Module 3 is of 16 hours duration - (including 1-hour assessment)
- Module 4 is of 60 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. The trainer will be holding lessons during which learners' will be exposed to the theoretical aspect. Sessions will consist of various presentations, including demonstrations. The practical sessions will be held at Jobsplus' workshop so that the learners are given the opportunity to practice what they are learning.

## General assessment policy and procedures for this course:

The learner will be assessed through a written test. The learner will also undergo an ongoing oral assessment of learning (including communication skills) and practical exercises that will take place throughout the entire programme. This assessment method gives tutors the opportunity to review and consolidate the learning being covered.

## Module 1 Learning Outcomes – Occupational Health and Safety

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| ✓ Abide by the Occupational Health and Safety Act and other regulations associated with it   | ✓ Carry out the safe erection, use and dismantling of simple scaffold platforms less than 2m high |
| ✓ Alert supervisor/manager about potential hazards at the workplace and report risks to designated personnel according to OHS codes of practice and employer safety policy | ✓ Deal with the identification and safe handling of various hazardous materials at the work site  |
| ✓ Use tools, personal protective equipment and clothing according to health and safety regulations, manufactures' instructions and employer policy                         | ✓ Store tools and materials, which are hazardous to health, in a safe manner                      |
| ✓ Carry out tasks in a manner that is safe to oneself and to other persons - this includes   | ✓ Read and interpret the expiry date of products and tag them according to employer procedure     |

<p>manual handling and procedures how to assist cranes and other lifting equipment during material handling operations</p> <p>✓ Set up safety barriers around a work environment hazard to protect workers and members of the public</p>	<p>✓ Monitor the workplace whilst keeping it free from hazards.</p>
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**Module 1 Assessment:** The assessment paper will have only 1 section:

- Section A – A mixture of multiple choice questions and open ended (short answer) questions. These all need to be answered.

The Written Assessment will carry 80% of the global mark, whereas the Ongoing Assessment will carry the remaining 20% of the global mark. The duration of the written assessment is of 1 hour and the pass mark is that of 45%.

### Module 2 Learning Outcomes – Identifying Systems, Equipment and Components

<p>✓ Identify and select tile laying materials from given specifications</p> <p>✓ Identify and select floor and wall tiles from given specifications</p> <p>✓ Identify and select grades of sands, cements, aggregates, limes and plasticizers for specific applications based on their technical properties</p> <p>✓ Understand the range of materials from given specifications</p> <p>✓ Name and understand the basic functions and types of tile laying</p>	<p>✓ Name and understand the different types of lime - hydraulic and non-hydraulic</p> <p>✓ List and understand the various floor and wall tiles from given specifications - ceramic and concrete</p> <p>✓ State the basic properties of fixings including masonry, concrete and timber</p> <p>✓ Identify and describe the availability, suitability and relative costs of trowel-based materials available locally</p>
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**Module 2 Assessment:** The assessment paper will have only 1 section:

- Section A – A mixture of multiple choice questions and open ended (short answer) questions. These all need to be answered.

The Written Assessment will carry 80% of the global mark, whereas the Ongoing Assessment will carry the remaining 20% of the global mark. The duration of the written assessment is of 1 hour and the pass mark is that of 45%.

### Module 3 Learning Outcomes – Calculating, Positioning and Drawing

<ul style="list-style-type: none"> <li>✓ Obtain and apply accurate dimensions from drawings of linear, rectangular, circular and triangular configuration</li> <li>✓ Measure and calculate material needed to carry out the work</li> <li>✓ Draw an estimate of the costs involved</li> <li>✓ Compile and apply linear dimensions from drawings</li> <li>✓ Carry out calculations with regards to area and volume from dimensions taken off drawings of circular, semi-circular and triangular structures</li> </ul>	<ul style="list-style-type: none"> <li>✓ Comprehend calculations involving quantities and costs of materials</li> <li>✓ Apply accurate dimensions from drawings of linear, rectangular, circular and triangular configuration</li> <li>✓ Apply overall linear dimensions from drawings and set out tile patterns</li> <li>✓ Estimate the quantities and costs of materials using mix ratios</li> </ul>
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**Module 3 Assessment:** The assessment paper will have only 1 section:

- Section A – A mixture of multiple choice questions, calculations and open ended (short answer) questions. These all need to be answered.

The Written Assessment will carry 80% of the global mark, whereas the Ongoing Assessment will carry the remaining 20% of the global mark. The duration of the written assessment is of 1 hour and the pass mark is that of 45%.

### Module 4 Learning Outcomes – Identifying and Applying Systems, Equipment and Components

<ul style="list-style-type: none"> <li>✓ Use hand power tools to cut a chase and a pipe hole in a brick or block wall</li> <li>✓ Use hand and power tools to cut accurately wall and floor tiles of different materials</li> <li>✓ Ensure that materials, tools and equipment required are fit for their intended purpose</li> <li>✓ Transfer building datum lines to establish tile floor levels</li> <li>✓ Set up sight rails for the levels and centre lines of open ducts in floors (trench shape)</li> <li>✓ Set out lines and levels for paved areas and paths to ensure required falls</li> <li>✓ Carry out background and surface tests for suction and adhesion</li> <li>✓ Carry out placement of tiles to walls using appropriate adhesives</li> <li>✓ Lay wall and floor tiles to high degree of flatness and levelled seams</li> </ul>	<ul style="list-style-type: none"> <li>✓ Select cements, limes and plasticizers for specific applications based on their properties</li> <li>✓ Lay wall and floor tiles to high degree of flatness and levelled seams</li> <li>✓ Lay and compact concrete in situ flooring and finish surface</li> <li>✓ Use a set of rods to maintain the gradient of a floor</li> <li>✓ Use traditional and contemporary instruments to establish floor levels and angles</li> <li>✓ Spread, level and compact bedding on prepared sub-base</li> <li>✓ Drill and cut tiles to fit around fittings</li> <li>✓ Lay down sealant beads and expanding sealant strips neatly</li> </ul>
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✓ Lay and compact concrete in-situ flooring and finish surface	✓ Hand trowel finish internal and external rendered angles
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**Module 4 Assessment:** The assessment paper will be divided into 2 assessment papers, both practical:

- Paper I (Practical 2 hours) – Multiple hands-on exercises that all need to be performed.
- Paper II (Practical 3 hours) – Multiple hands-on exercises that all need to be performed.

The practical assessments will carry 80% of the global mark, whereas the Ongoing Assessment will carry the remaining 20% of the global mark. The duration of the practical assessment is of 5 hours and the pass mark is that of 45%.

The Malta Further and Higher Education Authority (MFHEA) deems this certificate to be at Level 3 of the Malta Qualifications Framework and the European Qualifications Framework for Lifelong Learning. This course comprises study modules to which a total of 6 ECVET points are assigned.