

## Award as Assistant Plumber

### Applying for this course

Individuals eligible to enrol in this programme would have completed compulsory schooling, up to 65 years of age or have at least two years work experience in a related field. If you do not have these qualifications but possess other qualifications or relevant experience, kindly contact us on [ga.jobsplus@gov.mt](mailto:ga.jobsplus@gov.mt), stating your ID card number, attaching copies of your qualifications and a copy of your CV highlighting your work experience.

### Course Duration

This course is of 64 hours duration and consists of three Modules

- Module 1 is of 11 hours duration - (including 1-hour assessment)
- Module 2 is of 19 hours duration - (including 4-hour assessment)
- Module 3 is of 34 hours duration - (including 4-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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| <ul style="list-style-type: none"><li>✓ Comply with health and safety procedures related to the plumbing domestic industry before, during and after a given plumbing task</li><li>✓ 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</li><li>✓ Ensure to take necessary precautions to mitigate or avoid 'waterborne' diseases that are most commonly transmitted in contaminated fresh water</li><li>✓ Comply with health and safety regulations to safely work at heights</li></ul> | <ul style="list-style-type: none"><li>✓ Deal with the identification and safe handling of various hazardous materials at the workplace</li><li>✓ Carry out the safe erection, use and dismantling of simple scaffold platforms less than 2m high</li><li>✓ Set up safety barriers and signage around a work environment hazard to protect workers and members of the public</li><li>✓ Be responsible for locating and manually operating the isolating valve to disconnect domestic water services from the main water supply</li></ul> |
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**Module 1 Assessment:** The assessment paper will have only 1 section:

- Section A – a mixture of multiple choice questions and short answer questions. These 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 – Operation and Maintenance of Plumbing Tools, Calculations and Measurements**

<ul style="list-style-type: none"><li>✓ Carry out the necessary measuring tasks and work out calculations required for a given plumbing project</li><li>✓ Carry out work using suitable plumbing tools for a given plumbing task and carry out routine maintenance procedures on these tools</li><li>✓ Carry out specific tasks using appropriate pipes for a given plumbing project</li><li>✓ Obtain and apply accurate dimensions from drawings of linear and rectangular structures</li></ul>	<ul style="list-style-type: none"><li>✓ Compile and apply overall linear dimensions from drawings</li><li>✓ Carry out calculations of volumes from dimensions obtained from drawings and water storage tanks</li><li>✓ Carry out measurements and apply domestic pipe work systems from drawings</li></ul>
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**Module 2 Assessment:** The assessment paper will be divided into 2 written assessment papers:

- Paper I (written 1 hour) – Split in two Sections. Section A includes multiple-choice questions while Section B includes calculations.
- Paper II (written 3 hours) – a mixture of calculations and open ended (short answer) questions

The total duration of this assessment is of 4 hours, 1 hour for the Paper I and 3 hours for the Paper II, and the pass mark is that of 45% in each paper.

### Module 3 Learning Outcomes – Domestic Plumbing Installations and Fault Finding

<ul style="list-style-type: none"><li>✓ Be responsible for the assembly and fitting of plastic, copper or steel water supply pipes, fittings and accessories for a plumbing task</li><li>✓ Position pipe runs and install pipe work for domestic cold-water supply tap</li><li>✓ Fix plumbing accessories into walls</li><li>✓ Finish pipe work into accessories</li></ul>	<ul style="list-style-type: none"><li>✓ Hand bend pipe work to fit pipe runs</li><li>✓ Install storage tanks and sanitary fittings</li><li>✓ Finish pipe work into a storage tanks and sanitary fittings</li><li>✓ Ensure pipe runs are positioned properly and install sanitary pipe work for domestic services</li></ul>
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**Module 3 Assessment:** The assessment paper will be divided into 2 assessment papers, one written and one practical:

- Paper I (written 2 hours) – Split in two Sections. Section A includes multiple-choice questions while Section B includes calculations and open ended (short answer) questions.
- Paper II (Practical 2 hours) – a mixture of calculations, hands-on and open ended (short answer) questions

The total duration of this assessment is of 4 hours, 2 hours for the Paper I and 2 hours for the Paper II, and the pass mark is that of 45% in each paper.

The Malta Further and Higher Education Authority (MFHEA) deems this certificate to be at Level 2 of the Malta Qualifications Framework and the European Qualifications Framework for Lifelong Learning. This course comprises study modules to which a total of 4 ECTS points are assigned.