

<b>Title:</b>	<b>Introducing Bricklaying</b>
<b>Aim:</b>	The aim of this unit is to equip the learner with the skills used to construct basic brickwork structures and provide the opportunity to demonstrate their learning.
<b>Unit Level:</b>	E3
<b>Credit Value:</b>	5
<b>GLH:</b>	50
<b>Unique Reference Number:</b>	M/618/0671
<b>Assessment:</b>	This unit is internally assessed through the completion of at least two practical tasks as detailed in Learning Outcome 3 and internally and externally quality assured. An NOCN assessment booklet has been produced and should be used to evidence all learning outcomes.
<b>Learning outcomes</b>	
<i>The learner will:</i>	
1. Be able to set out basic brickwork structures.	
<b>Delivery content:</b>	
The aim of this learning outcome is to enable the learner to demonstrate their skills in setting out basic brickwork structures.	
The learner must be able to:	
<ul style="list-style-type: none"> <li>• follow instructions.</li> <li>• lay out walls and returns in accordance with the information provided.</li> </ul>	
2. Be able to build basic brickwork structures.	
<b>Delivery content:</b>	
The aim of this learning outcome is to enable the learner to demonstrate their skills in constructing basic brickwork structures.	
The learner must be able to:	
<ul style="list-style-type: none"> <li>• follow instructions in order to lay out walls and returns in accordance with the information provided.</li> <li>• work safely.</li> <li>• use all tools and equipment correctly and apply the required protective measures.</li> <li>• construct single brick walls and returns using stretcher bond, a minimum of 1m x 1m.</li> <li>• lay beds and form perp joints and ensure that all joints are finished to specification and to agreed tolerances.</li> <li>• ensure that all courses are level and plumb.</li> <li>• check plumb and level at the end of the task.</li> </ul>	
3. Work safely and communicate effectively.	
<b>Delivery content:</b>	

The purpose of this learning outcome is to ensure learners can work safely while carrying out tasks.

The learner must be able to:

- seek clarification for given tasks.
- communicate and work productively with colleagues/peers including responding to requests and seeking help when necessary from others.
- demonstrate safe and considerate behaviours throughout the given tasks.
- keep the work area tidy while carrying out tasks, both in terms of health and safety and to prevent damage to the work.

4. Be able to clear the work area after bricklaying tasks.

**Delivery content:**

The purpose of this learning outcome is to ensure the learner can clear a work area at the end of a task in a safe and correct manner.

The learner must be able to:

- clear excess materials from the work area.
- store or dispose of materials correctly.
- sweep the work area upon completion of the tasks safely.
- dispose of dust and waste materials in the correct manner in accordance with organisational guidance and environmental considerations.

5. Be able to clean and store tools and equipment

**Delivery content:**

The purpose of this learning outcome is to ensure that the learner is able to correctly clean and store tools and equipment.

The learner must:

- be able to demonstrate how tools and equipment are cleaned after use.
- be able to carry out inspections of all tools to ensure they are still safe and functional for future use.
- outline how to report damaged or faulty equipment.
- be able to store all tools and equipment safely, ensuring they cannot be damaged while stored and do not represent a risk to others.

**Scope of Training/Assessment**

**What would you expect the learner to be able to do or not to do?**

The expectation is that the learner will be able to complete basic bricklaying activities with little, or no, support from the trainer. Tutors should use their professional experience to set basic bricklaying tasks that increase in complexity. The expectation is that by the end of this unit learners can build a brick wall of a minimum 1m long with a 1m return at a right angle to the wall. It must be **at least five courses high with raked ends**. They should be able to produce this on two separate occasions.

It is not expected that the work produced will be at site standard but must be carried out safely and the completed work left in a safe condition.

It is expected that tutors use their professional experience to expand on the areas covered, making them relevant to the local area and employment opportunities and explain terms in using terminology understandable to their learners.

**Assessment:**

The Assessment Workbook is available from NOCN.

Sources of Information	Details	Tools
<ul style="list-style-type: none"> <li>• <b>Job specification</b></li> <li>• Drawings (2D and 3D)</li> <li>• Plans</li> <li>• <b>Method statements</b></li> <li>• <b>Risk assessments</b></li> <li>• Permits to work</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Materials</b></li> <li>• <b>Tools</b></li> <li>• <b>Quantities</b></li> <li>• <b>Measurements</b></li> <li>• <b>Hazards and risks</b></li> <li>• <b>Position</b></li> <li>• Tolerances</li> <li>• Bond</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Brick trowel</b></li> <li>• Pointing trowel</li> <li>• <b>Tape measure</b></li> <li>• <b>Spirit level</b></li> <li>• <b>Club/Lump hammer</b></li> <li>• <b>Bolster</b></li> <li>• <b>Spot board</b></li> <li>• Jointing tools</li> <li>• Scutch / brick hammer</li> </ul>
Materials	Equipment	Personal Protective Equipment (PPE)
<ul style="list-style-type: none"> <li>• <b>Bricks</b></li> <li>• <b>Sand</b></li> <li>• <b>Cement</b></li> <li>• <b>Water</b></li> <li>• Lime</li> <li>• Training mortar</li> <li>• Additive (optional)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Line and pins</b></li> <li>• Corner blocks</li> <li>• Gauge rod</li> <li>• <b>Brush</b></li> <li>• <b>Waste sacks</b></li> <li>• Soft-bristle brush</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Hard hat</b></li> <li>• <b>Safety boots</b></li> <li>• <b>Goggles</b></li> <li>• <b>Gloves</b></li> <li>• Clothing <ul style="list-style-type: none"> <li>• Long-legged waterproof trousers</li> <li>• Long-sleeved tops (to prevent cement coming into contact with skin)</li> </ul> </li> </ul>