

<b>Title:</b>	<b>Further Skills for Carpentry and Joinery</b>
<b>Aim:</b>	The purpose of this unit is to allow learners to further develop and demonstrate additional basic carpentry and joinery skills after completing the Skills for Carpentry and Joinery unit (R/618/0887).
<b>Unit Level:</b>	1
<b>Credit Value:</b>	6
<b>GLH</b>	54
<b>Unique Reference Number</b>	T/618/0784
<b>Assessment</b>	<p>Assessment of this unit will be through the completion of <b>two</b> NOCN devised practical tasks and associated knowledge questions (written or verbal). This unit is internally assessed and internally and externally quality assured using the NOCN assessment booklets to evidence all learning outcomes.</p> <p>The selected assessment tasks must be different to those completed for the Skills for Carpentry and Joinery unit.</p>
<b>Learning outcomes</b> <i>The learner will:</i>	
1. Be able to prepare to carry out carpentry and joinery.	
<b>Delivery content:</b>	
<p>The purpose of this learning outcome is to allow learners to demonstrate their ability to prepare to carry out carpentry and joinery tasks.</p> <p>The learner must:</p> <ul style="list-style-type: none"> <li>• be able to identify the <b>information</b> required to carry out given tasks.</li> <li>• be able to identify the hazards and risks before starting tasks.</li> <li>• know how to <b>use information</b> to identify the work required and calculate the materials necessary.</li> <li>• be able to select the <b>tools, equipment</b>, including <b>personal protective equipment</b>, and <b>materials</b> required for given tasks.</li> <li>• be able to check all <b>tools, equipment</b> and <b>materials</b> to ensure they are safe and fit for purpose.</li> <li>• know the procedures for reporting faulty or unsafe tools and equipment.</li> <li>• be able to set up an area for carpentry and joinery.</li> <li>• be able to set out tools, equipment and materials for carpentry and joinery tasks.</li> <li>• be able to produce accurate drawings of joints and <b>carpentry and joinery products</b>.</li> </ul>	
2. Be able to prepare materials to carry out carpentry and joinery.	
<b>Delivery content:</b>	
<p>The purpose of this learning outcome is to allow learners to demonstrate their ability in preparing the materials required to carry out given tasks.</p> <p>The learner must:</p> <ul style="list-style-type: none"> <li>• obtain suitable quantities of materials.</li> <li>• face and edge marks when working with timber.</li> <li>• measure and mark out lengths of timber for cutting and joining.</li> <li>• select appropriate tools and equipment to complete carpentry and joinery tasks.</li> <li>• follow the method statements and risk assessments to ensure that materials are prepared correctly and safely.</li> </ul>	

3. Be able to carry out carpentry and joinery.

**Delivery content:**

The purpose of this learning outcome is to allow learners to demonstrate their ability in carrying out carpentry and joinery tasks.

The learner must:

- cut timber and **timber-based products** to correct dimensions.
- produce and assemble carpentry and joinery **joints**.
- produce, assemble and install **carpentry and joinery products** using **adhesives and fixings** (where appropriate).
- ensure all work is completed to specified finish and within agreed tolerances.
- check for and correct any imperfections.

4. Be able to clear and clean the work area and tools after carpentry and joinery tasks.

**Delivery content:**

The purpose of this learning outcome is to evidence that learners can clear and clean the work area to instruction.

The learner must:

- clean, inspect and store all tools, equipment and excess materials in accordance with manufacturers' guidance.
- report any issues in accordance with organisational procedures.
- clean the work area and dispose of all waste in accordance with legislative requirements, manufacturers' guidance and organisational procedures.
- leave the work area in a safe and clean condition, using collective protective measures as appropriate.
- complete all final paperwork as required and file correctly.

**Scope of Training**

The Scope of Training identifies areas that must be covered during the delivery of this unit. This is the minimum that is expected but tutors are expected to include other areas, knowledge of which will benefit their learners, based on location, types of work available and from the tutors own professional experience.

The expectation is that the learner will be able to complete basic preparation activities with little, or no, support from the trainer. 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.

Tutors should use their professional experience to set basic carpentry and joinery tasks that increase in complexity.

The following expands on terms highlighted through the unit. Those in bold are the minimum expectations, those not highlighted can be addressed in order to stretch and challenge learners. 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.

**Scope of Assessment**

The learners will complete **two** further live carpentry and joinery assessments, available

from NOCN.

The chosen assessments must be different from the assessments completed for the Skills for Carpentry and Joinery unit.

The following are examples of what the assessments are based around.

- Skirting and architraves
- Floor joists
- Flooring
- Door lining
- Hanging a door
- Window frames
- Fixed truss
- Units and worktops

The current live assessments must be downloaded at the start of the learner's assessment.

The completed work must be within agreed tolerances. Specifications for each assessed task are available from NOCN.

Completed work should be left in a safe and clean condition.

	<b>Requirements</b>		
<b>Sources of Information</b>	<b>Job specification</b> <b>Drawings (2D and 3D)</b> <b>Method statements</b>	<b>Risk assessments</b> Permits to work Plans	
<b>Use information</b>	<b>Materials</b> <b>Tools</b> <b>Measurements</b> <b>Quantities</b>	<b>Hazards and risks</b> <b>Tolerances</b> Position	
<b>Tools</b>	<b>Saws</b> <ul style="list-style-type: none"> <li>• Standard hand</li> <li>• Tenon</li> <li>• Hack</li> <li>• Keyhole/Coping</li> </ul> <b>Tape measure</b> <b>Try-squares</b> <b>Marking gauges</b> <b>Mallet</b>	<b>Clamps</b> <b>Carpenter's/Combination square</b> <b>Wood chisels</b> <b>Spirit level</b> <b>Screwdrivers</b> <b>Planes</b> Claw hammer Metal rule	
<b>Materials</b>	<b>Adhesives</b> <b>Fixings</b> <b>Timber</b>	<b>Timber based products</b> Ironmongery	Biscuits Dowels
<b>Equipment</b>	<b>Dust sheeting</b> <b>Brush</b> <b>Waste sacks</b>	<b>Carpenter's pencil</b> <b>Bench/holding devices</b>	<b>Abrasive paper</b> Access equipment
<b>Personal Protective Equipment (PPE)</b>	<b>Hard hat</b> <b>Safety boots</b> <b>Goggles</b> <b>Gloves</b>	<b>Knee pads</b> <b>Mask / respiratory protection</b> Hearing protection	High visibility clothing
<b>Joints</b>	<b>Halving joints</b> <b>Mitre joint</b> <b>Half-lap joint</b>	Through haunch mortise and tenon Bridle joints Through mortise and tenon	

	<b>Dovetail joint (box)</b>	Housing joints	
	<b>Mortise and tenon joint</b>	Scribe	
<b>Carpentry and Joinery Products</b>	Skirting and architraves	Window frames	
	Floor joists and Flooring	Fixed truss rafter roofs	
	Doors, door frames & linings	Units and worktops	
<b>Power tools</b>	Drill	Router	Mortiser
	Driver	Planer	Jigsaw
	Circular saw	Sander	Thickneser
			Mitre saw

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