

## INSTALLATION OF DOORS AND WINDOWS

**UNIT CODE:** CON/CU/BUT/CR/05/5

**UNIT DURATION:** 40 Hours

### Relationship to Occupational Standards

This unit addresses the Unit of Competency: Install doors and windows

### Unit Description

This unit describes the competencies required to install doors and windows. It involves installing door and window frames, constructing and fixing door and windows.

### Summary of Learning Outcomes

1. Install door and window frames
2. To construct and fix door and window

### Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Install door and window frames	<ul style="list-style-type: none"> <li>• Preparation of window schedule</li> <li>• Preparation of openings</li> <li>• Windows, doors and grilled openings dimensions</li> <li>• Fixing door and window frames</li> </ul>	<ul style="list-style-type: none"> <li>• Written assessment</li> <li>• Practical</li> <li>• Project</li> <li>• Portfolio of Evidence</li> <li>• Oral assessment</li> <li>•</li> </ul>
2. Construct and fix door and window shutters	<ul style="list-style-type: none"> <li>• Types of doors                             <ul style="list-style-type: none"> <li>-Battened</li> <li>-Pannel</li> <li>-Sliding</li> <li>-Battened framed &amp; ledged</li> <li>-Flush</li> <li>-Louvered</li> </ul> </li> <li>• Types of windows                             <ul style="list-style-type: none"> <li>-Steel casement</li> <li>-Louvered</li> <li>-Sliding</li> <li>-Sash</li> </ul> </li> <li>• Fixing doors and window</li> </ul>	<ul style="list-style-type: none"> <li>• Written assessment</li> <li>• Practical</li> <li>• Projects</li> <li>• Oral assessment</li> <li>• Portfolio of Evidence</li> <li>•</li> </ul>
3. Fix iron mongery	<ul style="list-style-type: none"> <li>• Types of iron mongary</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>

	<ul style="list-style-type: none"> <li>• Interior door ironmongery</li> <li>• Front door ironmongery</li> <li>• Fire door ironmongery</li> <li>• Casement ironmongery</li> <li>• Sash window ironmongery</li> <li>•</li> <li>• Testing iron mongaries</li> <li>• Fastening iron mongaries</li> </ul>	
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### **Suggested Methods of Instruction**

- Viewing of related videos
- Discussion
- Direct Instruction
- Lecture
- Question and answer
- Site visits
- Practical

### **Recommended Resources for 25 Trainees**

- Drawing room
- 10 Desktop computers/laptops
- 25 Drawing tables
- Drawing papers
- Internet connection
- 2 Projector
- 1
- 5 Whiteboards
- 10 roll Flip Chart
- Assorted colour of whiteboard markers
- 2 Blueprinter
- Assorted Drawing instruments
- Assorted Hand tools
- Functional Carpentry workshop
- 5 boxes of Tiles
- 5 pieces Lining boards
- 5 bags Lime