



THE REPUBLIC OF KENYA

**COMPETENCY BASED CURRICULUM**

**FOR**

**BUILDING TECHNOLOGY**

**KNQF LEVEL 6**

**ISCED PROGRAM CODE: 0732 554B**



TVET CDACC

P.O BOX 15745-00100

NAIROBI

# **BUILDING DOORS AND WINDOWS INSTALLATION**

**UNIT CODE:** CON/CU/BUT/CR/10/6/B

## **Relationship to Occupational Standards**

This unit addresses the unit of competency: Install building doors and windows

**Duration of Unit:** 100 hours

## **Unit Description**

This Unit describes the competences required to install building windows and doors. It involves preparing window and door schedule, fabricating/ordering building doors and windows, fixing building doors and windows and applying door and window finishes.

## **Summary of Learning Outcomes**

1. Prepare door and window schedule
2. Fabricate/order doors and windows
3. Fix building doors and windows
4. Apply door and window finishes

## **Learning Outcomes, Content and Suggested Assessment Methods**

<b>Learning Outcome</b>	<b>Content</b>	<b>Suggested Assessment Methods</b>
1. Prepare door and window schedule	<ul style="list-style-type: none"><li>• Construction dimensions</li><li>• Types of doors and windows</li><li>• Door and window detailing</li><li>• Window and door schedule format</li><li>• Conversion units</li></ul>	<ul style="list-style-type: none"><li>• Written Tests</li><li>• Oral Questioning</li><li>• Practical/Projects</li></ul>
2. Fabricate/order doors and windows	<ul style="list-style-type: none"><li>• Door and window details</li><li>• Materials for making doors and windows</li><li>• Fabrication methods for doors and windows</li><li>• Functions of doors and windows</li><li>• Tools and equipment</li></ul>	<ul style="list-style-type: none"><li>• Written Tests</li><li>• Oral Questioning</li><li>• Practical/Projects</li></ul>
3. Fix building doors and windows	<ul style="list-style-type: none"><li>• Iron mongery</li><li>• Types of openings</li><li>• Fixing methods</li><li>• Tools and equipment</li></ul>	<ul style="list-style-type: none"><li>• Written Tests</li><li>• Oral Questioning</li><li>• Practical/Projects</li></ul>

4. Apply doors and window finishes	<ul style="list-style-type: none"> <li>• Glazing methods</li> <li>• Painting</li> <li>• Plastering</li> <li>• Tools and equipment</li> </ul>	<ul style="list-style-type: none"> <li>• Written Tests</li> <li>• Oral Questioning</li> <li>• Practical/Projects</li> </ul>
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#### **Suggested Methods of Instruction:**

- Demonstration by trainer
- Practical work by trainee
- Demonstration videos
- Projects
- Group discussions

#### **Recommended Resources**

##### **Tools and equipment**

- Computers
- Calculators

##### **Materials and supplies**

- Stationery
- Files
- Journals
- Manuals
- Resource persons
- Chats

##### **Personal protective equipment (PPEs)**

- Safety goggles
- Dust coat
- First aid kits