



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

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

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