



REPUBLIC OF KENYA

COMPETENCY BASED CURRICULUM

FOR

CARPENTRY AND JOINERY

LEVEL 5

PROGRAMME CODE:0722 554B



TVET CDACC

**P.O BOX 15745-00100
NAIROBI**

JOINERS SECOND FIXING

UNIT CODE:CON/CU/CAJ/CR/05/5/B

Relationship to Occupational Standards

This unit addresses the unit of competency: Perform joiners second fixing

Duration of Unit: 100 hours

Unit Description

This Unit describes the competencies required to perform joiners second fixing. It involves, interpreting architectural drawings, selecting materials, tools and equipment, performing fixing of the fixtures, examining the quality of the finished product and performing housekeeping.

Summary of Learning Outcomes

1. Interpret architectural drawings
2. Select materials, tools and equipment
3. Perform fixing the fixtures
4. Examine the quality of the finished product
5. Perform work place housekeeping

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Interpret architectural drawings	<ul style="list-style-type: none">• Elevations• Sections• Scales• Dimensions	<ul style="list-style-type: none">• Practical assignment• Written Tests• Oral Questioning
2. Select materials, tools and equipment	<ul style="list-style-type: none">• Cutting list• Materials requirement<ul style="list-style-type: none">• Timber• Wood glue• Nails and screws• Tools and equipment<ul style="list-style-type: none">• Hammers• Drills• Plugging chisels	<ul style="list-style-type: none">• Practical assignment• Written Tests• Oral Questioning

	<ul style="list-style-type: none"> • Saws • Tape measures 	
3. Perform fixing the fixtures	<ul style="list-style-type: none"> • Procedure of fixing fixtures <ul style="list-style-type: none"> • Mark and cut joints • Mark and drill holes for plugs • Fix the plugs • Fix the fixtures • Tools and equipment 	<ul style="list-style-type: none"> • Practical assignment • Written Tests • Oral Questioning
4. Examine the quality of the finished product	<ul style="list-style-type: none"> • Quality of the joints • Final appearance 	<ul style="list-style-type: none"> • Practical assignment • Written Tests • Oral Questioning
5. Perform work place housekeeping	<ul style="list-style-type: none"> • Housekeeping procedures <ul style="list-style-type: none"> • Gather off-cuts • Gather wood shavings • Clean the floor • Tools and equipment 	<ul style="list-style-type: none"> • Practical assignment • Written Tests • Oral Questioning

Suggested Methods of Instruction

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

Recommended Resources

Tools and equipment

- Hammers
- Drills
- Plugging chisels
- Saws
- Tape measures

Materials and supplies

- Timber
- Wood glue
- Nails and screws

Personal protective equipment (PPEs)

- Overall
- Helmet
- Safety boots
- Masks
- Gloves
- First aid kit
- Reflectors
- Safety goggles