

ROOF CONSTRUCTION

UNIT CODE: CON/CU/BUT/CR/04/5

UNIT DURATION: 40 Hours

Relationship to Occupational Standards

This unit addresses the Unit of Competency: Construct roof structure

Unit Description

This Unit describes the competencies required to execute roof construction. It involves: Identifying type of roof, interpreting roof plan, performing setting out, constructing trusses and executing roof finishes.

Summary of Learning Outcomes

1. To identify and interpret type of roof
2. To perform setting out
3. To construct trusses
4. To execute roof finishes

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Identify and interpret type of roof	<ul style="list-style-type: none"> • Type of roof • Members of roof • Roof covering materials 	<ul style="list-style-type: none"> • Written assessment • Practical • Projects • Oral assessment
2. Perform setting out	<ul style="list-style-type: none"> • Method of setting out • Tools and equipment 	<ul style="list-style-type: none"> • Written assessment • Practical • Projects • Oral assessment
3. Construct trusses	<ul style="list-style-type: none"> • Joints of truss • Members of truss 	<ul style="list-style-type: none"> • Written assessment • Practical • Projects • Oral assessment
4. Execute roof finishes	<ul style="list-style-type: none"> • Fascia boards • Roof coverings • Rain water goods 	<ul style="list-style-type: none"> • Written assessment • Practical • Projects • Oral assessment

Suggested Methods of Instruction

- Discussion
- Direct Instruction
- Lecture
- Question and answer
- Site visits
- Practicals

Recommended Resources for 25 Trainees

- 10 Desktop computers/laptops
- 2 Projector
- 5 Whiteboard
- 10 roll Flip Chart
- Assorted color of whiteboard markers
- Assorted Tools and equipment
- Timber
- Hoop iron
- 10 Iron sheets
- 25 Tape measures

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