

ARCHITECTURAL MODELLING

UNIT CODE: CON/CU/ARC/CR/03/6/A

Relationship to Occupational Standards

This unit addresses the unit of competency: Produce architectural models

Duration of Unit: 100 hours

Unit Description

This unit describes the competencies required to produce schematic, digital and physical models

Summary of Learning Outcomes

1. Produce schematic/sketch models
2. Produce physical model
3. Produce digital models

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Produce schematic/sketch models	<ul style="list-style-type: none">• Rough sketches• Design formulation• Preparation of a schematic model	<ul style="list-style-type: none">• Observation• Oral questioning• Practical assessments
2. Produce physical model	<ul style="list-style-type: none">• Tools, materials and equipment• Scales• Construction of physical models<ul style="list-style-type: none">• Interior design• Building• Architectural landscaping• Detailed models<ul style="list-style-type: none">• Stair cases• Ramps• Windows• Doors• Roofs	<ul style="list-style-type: none">• Observation• Oral questioning• Practical assessments

3. Produce digital models	<ul style="list-style-type: none"> • Presentation drawings • Rendering/generating presentation drawings using CAD software 	<ul style="list-style-type: none"> • Observation • Oral questioning • Pictorials/videos • Practical assessments
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Suggested Methods of Instruction

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

Recommended Resources

- Rendering software
- Computers
- Printing paper
- Measuring tools
- Modelling boards
- Wood
- Stationery
- Modelling stationery

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