

ARCHITECTURAL INTERIORS DESIGN

UNIT CODE: 0732 551 13A

TVET CDACC UNIT CODE: CON/ OS/ ARC/CR/05 /6 / MA

Relationship to Occupational Standards

This unit addresses the unit of competency: **Design Architectural Interiors**

Duration of Unit: **180 hours**

Unit Description

This unit covers the competencies an Architectural technician requires to design architectural interiors. It includes; Preparing architectural interior design drawings, preparing architectural interior fittings schedule, preparing architectural interior material schedule, and inspecting architectural interior works design conformance

Summary of Learning Outcomes

S.NO	LEARNING OUTCOMES	DURATION(HRS)
1.	Prepare architectural interior design drawings	50
2.	Prepare architectural interior fittings schedule	50
3.	Prepare an architectural interior material schedule	40
4.	Inspect architectural interior works design conformance.	40
TOTAL		180

Learning Outcomes, Content, and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Prepare architectural interior design drawings	1.1 Client interior design requirements documentation. 1.1.1 Aesthetic Preference. 1.1.1.1 Styles 1.1.1.2 Colours	1. Practical Assessment 2. Project 3. Third Party Report 4. Written tests

	1.1.1.3 Materials 1.1.2 Functional needs 1.1.2.1 Purpose 1.1.2.2 Activities 1.1.3 Budget 1.1.3.1 Prioritization 1.1.3.2 Overall budget 1.1.3.3 Flexibility 1.1.4 Timeline 1.1.4.1 Desired completion date 1.1.4.2 Flexibility 1.2 Furniture layout drawing preparation. 1.2.1 Elements of Furniture Layout Drawing 1.2.1.1 Room dimension 1.2.1.2 Existing features 1.2.1.3 Furniture placement 1.2.1.4 Traffic flow 1.2.1.5 scale 1.3 Interior perspective drawings preparation. 1.3.1 Types of perspectives. 1.3.1.1 One point 1.3.1.2 Two-point 1.3.1.3 Three-point 1.3.2 Elements of Interior Perspective Drawings 1.3.2.1 Lighting 1.3.2.2 Materials 1.3.2.3 Colours 1.3.2.4 Finishing 1.3.2.5 Décor	
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2. Prepare architectural interior fittings schedule	2.1 Interior Fittings and fixtures quantifying. 2.1.1 Lighting 2.1.2 Paint 2.1.3 Floor finishes 2.1.4 Cladding 2.1.5 Ceiling 2.1.6 Furniture 2.2 Interior fittings and fixtures sizes specifying. 2.2.1 Lighting 2.2.2 Paint 2.2.3 Floor finishes 2.2.4 Cladding 2.2.5 Ceiling 2.2.6 Furniture 2.3 Fitting and fixtures specifying. 2.3.1 Kitchen fittings 2.3.2 Sanitary fittings 2.3.3 Lighting fixtures 2.3.4 Doors and cabinets	1. Practical Assessment 2. Project 3. Third Party Report 4. Written tests
3. Prepare an architectural interior material schedule	3.1 Spatial conceptualization. 3.1.1 Elements of Space Conceptualization 3.1.1.1 Circulation 3.1.1.2 Proportion 3.1.1.3 Scale 3.1.1.4 Hierarchy 3.1.1.5 Unity 3.2 Materials coverage area quantifying. 3.2.1 Measurements 3.2.2 Material quantities 3.2.3 Wastage factor 3.2.4 Unit sizes 3.2.5 Material list 3.3 Materials specification. 3.3.1 Elements of Material Specification 3.3.1.1 Material type 3.3.1.2 Quality 3.3.1.3 Dimensions	1. Practical Assessment 2. Project 3. Third Party Report 4. Written tests

	3.3.1.4 Colour 3.3.1.5 Performance requirement 3.3.1.6 Testing and Inspection 3.3.1.7 Source	
4. Inspect architectural interior works design conformance .	4.1 Interior works concept conformance check. 4.1.1 Areas of check for conformance 4.1.1.1 Design intent 4.1.1.2 Functionality 4.1.1.3 Quality 4.1.1.4 Budget 4.1.1.5 Timeline 4.2 Interior works material conformance check. 4.2.1 Areas of check for conformance 4.2.1.1 Material type 4.2.1.2 Quality 4.2.1.3 Dimensions 4.2.1.4 Colour 4.2.1.5 Finish 4.2.1.6 Compliance with Standards 4.3 Interior works quality standards check. 4.3.1 Areas to check 4.3.1.1 Workmanship 4.3.1.2 Aesthetics 4.3.1.3 Functionality 4.3.1.4 Safety 4.3.1.5 Compliance with specification	1. Practical Assessment 2. Project 3. Third Party Report 4. Written tests

Suggested Methods of Instruction

- Practicals
- Projects

- Demonstration
- Group Discussion
- Direct Instruction

Recommended Resources for 25 Trainees

S/No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Trainee)
A	Learning Materials			
1.	Architectural Interior design reference books	For trainee's use	5 No.	1:5
B	Learning Facilities & Infrastructure			
1.	Whiteboards	For trainer's use	1 pc	1:25
2.	Chalkboard	For trainer's use	1 pc	1:25
3.	Instruction room	9m by 8m	1 No	1:25
C	Consumable materials			
1.	5 reams of A ₂ drawing paper	For trainee's use	5 reams	1:1
D	Tools and Equipment			
1.	Tape measure	For trainee's use	25 pcs	1:1
2.	scientific calculators	For trainee's use	25 pcs	1:1
3.	Computer/ laptop	For trainee's use	25 pcs	1:1
4.	Printer	For trainee's use	1 pcs	1:25
5.	Tape measure	For trainee's use	25 pcs	1:1
6.	Camera	For trainee's use	2 pcs	1:13
7.	Laser distance measure	For trainee's use	25 pcs	1:1