ARCHITECTURAL PERSPECTIVES

UNIT CODE: CON/CU/ARC/CR/02/5/A

Relationship to Occupational Standards

This unit addresses the unit of competency: Produce architectural perspectives

Duration of Unit: 60 hours

Unit Description

This unit describes the competencies required to prepare freehand internal perspectives, prepare freehand external perspectives, produce pictorial views, and apply CAD in preparing perspectives and produce walkthrough videos

Summary of Learning Outcomes

1. Prepare freehand internal perspectives
2. Prepare freehand external perspectives
3. Produce pictorial views
4. Apply CAD in preparing perspectives
5. Produce walkthrough videos

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Prepare freehand internal perspectives	- Internal Perspective drawing design - Detailing - Proportion and scale - Distance indication - Ariel perspective	- Observation - Oral questioning - Pictorials
2. Prepare freehand external perspectives	- External perspective drawing design - Proportion and scale - Distance indication - Ariel perspective	- Observation - Oral questioning - Pictorials
3. Produce pictorial views	- Axonometric views - Isometric views - Orthographic views - Perspectives	- Observation - Oral questioning - Pictorials

	• Grid • Orthogonal geometry • Projections • Scales	
4. Apply CAD in preparing perspectives	• Rendering software • Computer generated renderings • Presentation layouts	• Observation • Oral questioning • Pictorials

5. Produce walkthrough videos	• Camera set up
	• Generation of walkthroughs
	  • Interior walkthroughs
	  • Exterior walkthroughs
	• Audios
		• Observation
		• Oral questioning
		• Videos

Suggested Methods of Instruction

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

Recommended Resources

- Rendering software
- Projectors
- Stationery
- Camera
- Drawing paper
- Computers
- Measuring tools
- Internet