

AR-402

CODE	SUBJECT	CREDITS
AR-402	BUILDING CONSTRUCTION-IV	05
FOCUS		
	Understanding different systems and components.	
OBJECTIVE		
	-Foundation systems -Roofing systems - Bathrooms and Toilets	
CONTENT		
	<p>-Foundation systems Types of foundation, shallow foundations, deep foundations . Underpinning, excavation support systems, spread footings, foundation walls, column footings, pole foundation, pile foundations, caisson foundations.</p> <p>-Roofing systems Wooden roofing systems, steel roofing systems, Precast concrete roof systems, large span roofing systems. Light weight roofing systems.</p> <p>-Bathrooms and Toilets</p> <ul style="list-style-type: none"> • Bathroom Design, Construction Technique and standard sizes • Materials Used, joinery details • Bathroom fixtures and services • Toilet fixtures and services, dry and wet area construction • Tiles, dado, plaster, and other construction techniques. 	
METHODOLOGY		
	Market survey & Resource file to be maintained. Conventional practices, documentation. Case studies & Studio exercise.	
REFERENCES:		
	1. Construction of Buildings – Volume – II- R. Barry 2. Construction of Buildings – Volume – I- W.B.Mckay 3. Construction Technology – Volume – I & II- Chaudley. 4. Building Construction Illustrated - Fransis D.K.Ching.	