ARC316: Building Components and Methods III (3 Credit Units)

Department of Architecture

Covenant University
1. ARC316
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This course exposes students to details of floor and wall constructions. MODULE 1: Flooring Details- Construction Processes, Techniques and Methods of Flooring, Detailed illustrations of sections through different types of floors, Skinning, Dado, Floor Tiles. MODULE 2: Walling Details: Introduction to Walling, Functional Requirements, Types of Walling with emphasis on illustrations and practical construction process, openings (arches, lintels etc.), Choice of Walls, Walling Materials, Dowels, Cements Joggles, Cramps. Introduction to Bricks and Brick Walls, Types, Classifications, Properties, Walling Materials, Bonding, Types of Bonding. Rendering, Weather Resistant Walls, Insulation in Walls (e.g Types of Insulation, Types of fixing, Vapour Check, Wall Finishes.