ARC414: Architecture of Towns and Cities (2 Credit Units)

Department of Architecture

Covenant University
1. ARC414

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The course exposes the student to the fundamentals of the design of towns and cities. Students are expected to understand urban structure with specific reference to the design of different land use and the underpinning legislations in Nigeria. Module 1: Planning Legislation-Historical Development of Planning Legislation; Current URP Law Decree 88 of 1992; Application of Planning Law to Development Proposals. MODULE 2: The Concept of Urban Settlement-The Origin and classification of Urban Settlements (Towns, Cities, Metropolis; Megalopolis, Megacities etc). MODULE 3: Components of Urban Form-Residential, Commercial, Industrial, Recreational; Transportation (Circulation), Commercial, Educational and Open Spaces etc; Criteria and Determinants of Urban Land Use Patterns. MODULE 4: Urban Services-Transportation Systems (Road, Rail, Water and Air Ways; Traffic Analysis and Design for effective Traffic Circulation in Cities). Water and Power Supply; Sewerage; Drainage Systems. MODULE 5: Design of Urban Neighbourhoods- Application of different Models in the Design of Urban Neighbourhoods.