ARK550: DESIGN V

Course Name (English)	DESIGN V APPROVED
Course Code	ARK550

MQF Credit	6

Course Description	This course will be devoted to the study of housing. It focuses on housing issues, concept of neighbourhood, housing types, housing layouts, community and culture. Urban issues related to housing, user needs, landscaping, architectural and environmental psychology, planning regulations, climatic considerations and community integration will also be addressed. Design Project, based on team and individual work, will explore housing layout & design for a small site of around 2 to 4 acres, exposing students to planning and design for different age groups, cultures and lifestyles.

Transferable Skills	Reflective learner, Resourceful and responsible, Effective communicator and responsive, Ethically and socially sensitive, Solution provider, Creative and innovative.

Teaching Methodologies	Lectures, Studio, Seminar/Colloquium, Demonstrations, Field Trip, Case Study, Practical Classes, Tutorial, Problem Based Learning (PBL), Discussion, Presentation, Debates, Workshop, Small Group Sessions , Journal/Article Critique, Role Play, Supervision

CLO		
	CLO1	Analyse and investigate the theoretical issues on housing layout and development which encompass aspects of contextual, physical and psychological requirements, social/human behaviour, aesthetics/image, rules and regulation, building technology and sustainability.
	CLO2	Work in a group to research and formulate a simple housing layout on a small site.
	CLO3	Produce dwelling design that considers the various aspects and integrates appropriate strategies/solutions into the design scheme.

Pre-Requisite Courses	No course recommendations

Topics
1. Design Theory : Housing Layout and Design 1.1) Housing Typology and Morphology, 1.2) Housing Planning, Layout and Designs, 1.3) Terminologies of Housing and Urban Design, 1.4) Community, Social and Cultural Issues, 1.5) Sense of Place, Genius Loci versus Tabula Rasa, 1.6) Place-Making and public realm, 1.7) Landscaping in housing layout, 1.8) Technology in Housing.
2. Design Projects 2.1) The programme consists of background research/studies on housing issues and a 2.2) project on housing layout and design. The research/studies on housing will be done as a 2.3) group work. The planning and layout plan for housing on a small site of around 2 to 4 2.4) acres will be done in small groups. Design of the housing types will be done on individual 2.5) basis. 2.6) 2.7) Emphasis will be on innovations with considerations of local Planning Acts and Uniform 2.8) Building By–Laws, the range of planning vocabulary, the discipline of planning methods 2.9) and procedures and the relationships between the communities and building users of 2.10) differing age groups. Considerations shall also be placed on physical and cultural 2.11) environments and appropriate technology that can be applied to the housing layout and 2.12) design within the urban context. 2.13)

2.14) A portion of this project will be carried through to a fairly detailed design stage to allow
2.15) for the design of strategic open space and interior space planning of selected units.

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Projects	100%	CLO1 , CLO2 , CLO3

Reading List	Recommended Text	• Juan Blesa Cervero 2009, *Living in Collectivity*, Editorial Pencil
		• Anthony Alexander,, *Britain's New Towns: Garden Cities to Sustainable Communities, Routledge*, Routledge
		• Sergi Costa Duran, *High Density Housing, Loft Publications.*, Loft Publications.
		• Eric Firley and Caroline Stahl 2009, *The Urban Housing Handbook - Shaping the Fabric of Our Cities*, John Wiley
Article/Paper List	This Course does not have any article/paper resources	
Other References	• n/a Ariadna Alvarez, 2009, *Living in High-Density Environments,*, Links International.	