Faculty of Engineering & Technology

Elective 4 \ Community Development and Participatory Design

Information :

Course Code :	ARC E04	**Level**	: Undergraduate	**Course Hours :**	3.00- Hours

Department : Department of Architectural Engineering

Instructor Information :

Title	Name	Office hours
Lecturer	DINA MAAROUF AHMED MOHAMED DIEFALLAH	
Assistant Lecturer	AYA TAREK IBRAHEM ABDELHADY AHMED	

Area Of Study :

The existence of privacy and territoriality in traditional Arab cities regarding the morphological analysis of the urban spatial pattern. Land utilization, population density, site and services projects for the low income groups. The districts closely integrated physical and social fabric and the way in which social, economic, and cultural factors could all together affect the development of that community.

Description :

The Course Introduces Concepts and Methods of Community Development Through Analyzing Communities as a Human & Urban Phenomena, Presents Tools of Evaluating , Upgrading and Controlling the urban Product of Communities.

Course outcomes :

a.Knowledge and Understanding: :

1 -	Demonstrate knowledge and understanding of scientific background (theories and history) of similar building types.
2 -	Define design problems and illustrate in drawings and sketches possible solutions.
3 -	Define the principles of building technologies, including the application of structures, construction methods, materials and environmental design in relation to human needs.

b.Intellectual Skills: :

1 -	Analyze existing projects using drawings and diagrams.
2 -	Conceptualize, investigate the development of design process and space configurations.

c.Professional and Practical Skills: :

1 -	Use appropriate graphic techniques for representation.
2 -	Submit professional good looking complete data, information and drawings.

d.General and Transferable Skills: :

1 -	Communicate effectively with other people using visual, graphic, written and verbal means.
2 -	Work in a self-directed manner.
3 -	Work coherently and successfully as a part of a team in assignments.
4 -	Manage time and meet deadlines.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Urban Rehabilitation.	12	6	6
Historic Cities.	4	2	2
Design Development.	4	2	2
Identity, Character and Urban Pattern.	8	4	4
THE MORPHOLOGY OF SPACES IN ISLAMIC CITIES.	8	4	4
Design Criteria.	8	4	4
The Residential Unit.	4	2	2
Final Project.	4	2	2

Teaching And Learning Methodologies :

Lectures.

Design studios.

Research assignments.

Information collection from different sources.

Site Visits and field trips.

Class discussions, sessions and design critiques.

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Assignments.	50.00		
Attendance.	5.00		
Final exam.	20.00		
Final project.	20.00		
Participation.	5.00		

Course Notes :

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Recommended books :

-The Alden Group Ltd.,Oxford, Northampton/Neufert, E.: Architects´Data; The Handbook of Building Types/2002 Third Edition /Blackwell Publishing.
-Francis D.K. Ching/Architecture: Form . ´Space and Order.

Periodicals :

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Web Sites :

http://www.fue.edu.eg