



BENHA UNIVERSITY  
FACULTY OF ENGINEERING  
DEPARTMENT OF ARCHITECTURE

AE1342-URBAN DESIGN(1)-LECTURE 01

# COURSE INTRODUCTION

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# About The Course

This is the first course **URBAN DESIGN** courses series that students will study in the Benha University, architecture department



AE1463-Urban Design (2)

AE1342-Urban Design (1)

AE1342-Urban Design (1)



Introduce students to ***THE DIFFERENT SCHOOLS, PRINCIPLES AND FUNDAMENTALS OF HOUSING.***

# Course Objectives (CO)

- Analyze housing problem in any society and how to provide solutions to it.
- Apply the theoretical base of studying by the most important theories and trends of urban form and housing.
- Design innovative and appropriate solutions of housing problems.



# Course Learning Outcomes (CLO's)

- Define the concept of Housing, Quality of life and human needs.
- Follow the effective collaboration within multidisciplinary team.
- Recall the basic concepts, schools, trends and definitions of housing.
- Analyze different housing projects solutions to obtain design criteria.
- Apply the housing indicators through different case studies.
- Classify housing prototypes due to different socio-economic groups.
- Criticize physical models and housing projects to study the relationship between buildings and their environment.
- Create innovative designs of housing projects.

# Course Topics

Week No.	Date	Course Topics
1	16-2-2023	Introduction & Course Review
2	23-2-2023	Definition & Housing Concept
3	2-3-2023	The Neighborhood; A Residential Environment (Part One)
4	9-3-2023	The Neighborhood; A Residential Environment (Part Two)
5	16-3-2023	Discussion of 1 <sup>st</sup> research: Quality of Life and human needs in Urban Areas
6	23-3-2023	Housing Prototypes & Principles of Residential Units (Part One)
7	30-3-2023	Housing Prototypes & Principles of Residential Units (Part Two)
8	6-4-2023	Mid-Term Exam
9	13-4-2023	Introduction to Project

# Course Topics

Week No.	Date	Course Topics
10	20-4-2023	Principles and design of Residential Buildings
11	27-4-2023	Definition & Housing Concept
12	4-5-2023	The Neighborhood; A Residential Environment (Part One)
13	11-5-2023	The Neighborhood; A Residential Environment (Part Two)
14	18-5-2023	Discussion of 1 <sup>st</sup> research: Quality of Life and human needs in Urban Areas
15	23-3-2023	Housing Prototypes & Principles of Residential Units (Part One)
16		<b>FINAL EXAM</b>

# Assessment Schedule & Grades Distribution

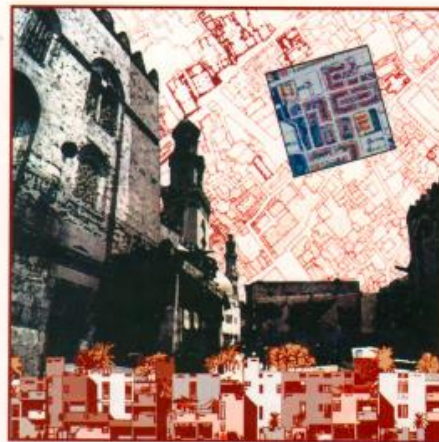
Assessment Method	Week	Weighting of Asses.
Mid-term Exam	Week # 8	15%
Discussions	Week # 5 & 7	2.5%
Projects	Week # 15	15%
Assignments	Week # 10, 11,12, 13, 14	10%
Presentations	Week # 5	2.5%
Modeling	Week # 7 & 15	10%
Reports	Week # 5	5%
Final Exam	Scheduled by the faculty council	40%
<b>Total</b>		<b>100%</b>



## REFERENCES



## إشكالية النسيج و الطابع

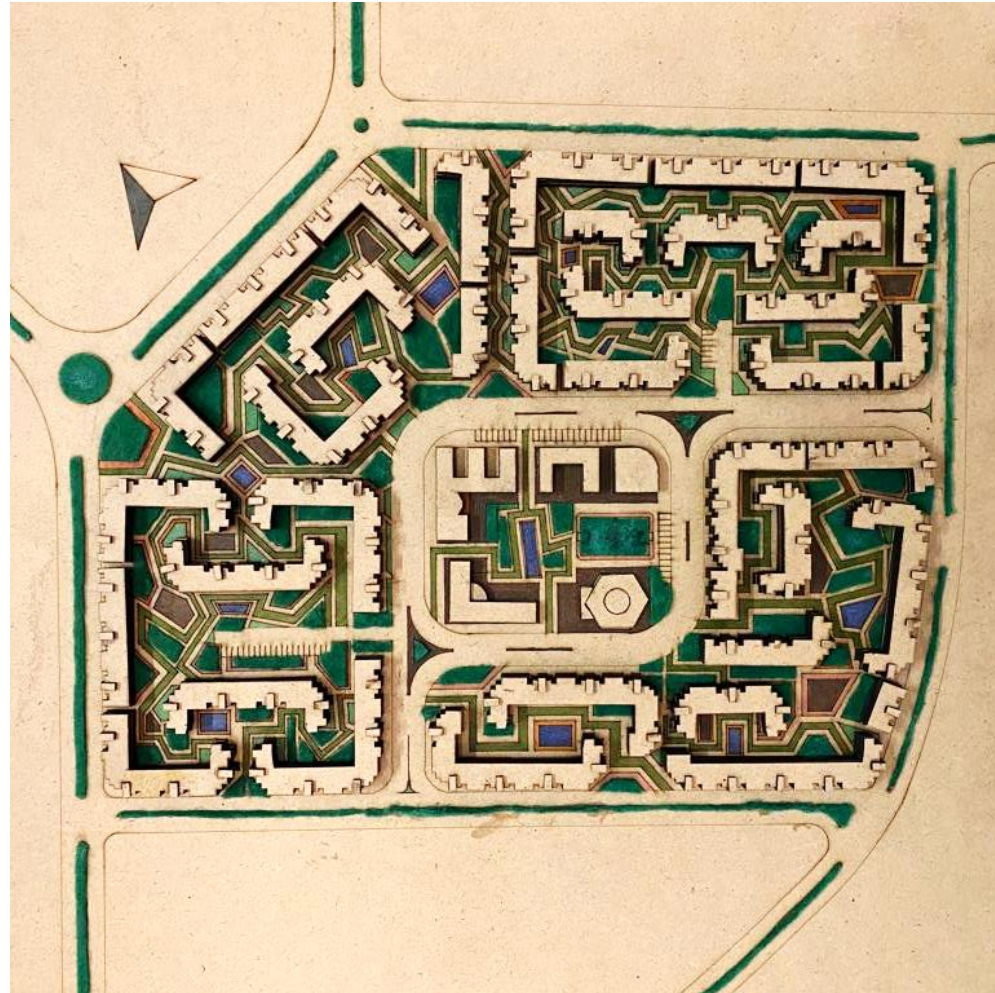


دكتورة سمات عبد القادر    دكتور سيد التونى

القاهرة ١٩٩٧

العربية  
للطباعة والنشر

# STUDENT WORK



# STUDENT WORK





# STUDENT WORK



Presented by / Ahmed Amer Haggag  
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Ebtihal Samir  
do. H. H.

Presented To / Dr. Mona Yehia  
Eng. Walid

The references to multiple sources are text & figures  
(sketches, drawings, pictures, photos,..etc.)

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