

Faculty of Engineering & Technology

Urban Planning 2

Information :

Course Code : ARC 551

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Department of Architectural Engineering

Instructor Information :

Title	Name	Office hours
Professor	YEHYA MOHAMED MOHAMED SERAG	5
Assistant Lecturer	DINA MAHMOUD ABDELRAHMAN NOSEIR	5
Teaching Assistant	AYA TAREK IBRAHEM ABDELHADY AHMED	

Area Of Study :

1. Understand how to distribute and form urban land use.
2. Understand the role of urban land use in the urban development process.
3. Identify the factors affecting land use distribution.
4. Understand urban land use distribution theories.

Description :

The concept of region, Comprehensive and incremental planning, Principles for Land use distribution, Environmental considerations, The central business district, Community facilities Industrial areas, Circulation network, Urban planning problems in Egypt, Planning surveys, Approaches and concepts for creating alternative plans.

Course outcomes :

a. Knowledge and Understanding: :

1 -	Expand the students knowledge and perception concerning land use subjects.
2 -	Develop the students understanding of the relationship between urban land use and the different fields of planning.
3 -	Understanding urban land use as a multi dimensional reflection.
4 -	Good understanding of urban land use distribution theories and relating to practical applications.

b. Intellectual Skills: :

1 -	Develop the ability to analyze, evaluate, and logical thinking methodology.
2 -	Gain skills to understand, analyze, and formulate the various aspects of urban land use .
3 -	Evaluate the planning process as a physical reflection to urban activities

c. Professional and Practical Skills: :

1 -	Identify data and requirements for land use planning.
2 -	Develop the ability to present planning information, ideas, and suggestions, through written, oral presentation, drawing (sketch, diagram, map etc.), and using computer aided methods.

- 3 - Gain the experience of reading and preparing different types of urban maps, and projecting natural landscapes on them.

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 projects, assignments.
- 4 - Manage time and meet deadlines.
- 5 - Analyze problems and use innovative thinking in their solution.
- 6 - Use the Internet in searching for information about specific urban types.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Objectives of studying urban land use.	4	2	2
landuse classifications, standards, levels, variables.	16	8	8
Studying the characteristics and requirements of the different land uses in the city.	28	14	14
Demonstrating ideas concerning urban land use theories.	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 urban planning critiques.

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Assignments.	50.00		
Attendance & Participation.	10.00		
Final research.	10.00		
Final-term examination.	30.00		

Course Notes :

No Course notes are required.

Recommended books :

"Kaiser, Edward J., Godschalk, David R., and Chapin, F. Stuart, Urban Land Use Planning, Fourth Edition, University of Illinois Press, Urbana and Chicago, 1995.

"Chapin, F. Stuart and Kaiser, Edward, Urban Land Use Planning, University of Illinois Press, Urbana and Chicago, Third Edition, 1985.

"Encyclopedia of urban studies, Ray Hutchison, ed. 2 vols. Thousand Oaks, CA : SAGE Publications, 2010.

"Encyclopedia of the city, Roger W. Caves, ed. NY: Routledge, 2005. Concise signed articles on a wide range of planning topics and concepts. Most articles include brief bibliographies.

Periodicals :

"Journal of urban planning and development.

Web Sites :

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