

Faculty of Engineering & Technology

Urban Planning 1

Information :

Course Code : ARC 451

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Department of Architectural Engineering

Instructor Information :

Title	Name	Office hours
Lecturer	BOTHAINA SAMIH ISMAIL ABOELKHIER BADR	4

Area Of Study :

Upon successful completion of the course, the student should be able to:

1. Understand urban genesis, and the stages of the evolution of the city.
2. Define the effect of civilization over urbanism.
3. Identify the effect of different variables over the distribution and formation of urban settlements.
4. Know the theories and ideas explaining urban growth.

Description :

Theories of Urban planning, Urban planning origins, Industrial revolution impact on urbanization, Utopias, City beautiful movement, Theories of urban structure, Garden city, the planning process.

Course outcomes :

a. Knowledge and Understanding: :

1 -	Expand the students knowledge and perception concerning history and urban theories.
2 -	Develop the students understanding of the relationship between urban theories and the different fields of planning.
3 -	Understanding urban growth as a multi dimensional reflection .
4 -	Good understanding of urban planning 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 settlements.
3 -	Evaluate the planning process as a physical reflection to urban growth.

c. Professional and Practical Skills: :

1 -	Identify data and requirements for history of urban 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.

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 -	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 history.	8	4	4
Urban settlements through different civilizations.	24	12	12
Studying the urban theories.	16	8	8
Demonstrating planning ideas concerning future cities.	4	2	2

Teaching And Learning Methodologies :

Lectures.
Research assignments.
Information collection from different sources.
Class discussions, sessions and urban planning critiques.

Course Assessment :

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

Course Notes :

Course notes are required.

Recommended books :

- ~Cliff Ellis, History Of Cities And City Planning, June 2010. Compiled by Deborah Sommer, City planning Librarian, Environmental Design Library
- ~Cities of tomorrow: an intellectual history of urban planning and design in the twentieth century, by Peter Hall. 3rd ed. Cambridge, MA: Blackwell Pub., 2002.
- ~The City in history: its origins and transformations, and its prospects, by Lewis Mumford. NY: Harcourt, Brace & World [1961].
- ~The History of the city, by Leonardo Benevolo. Translated by Geoffrey Culverwell. Cambridge, MA: MIT Pr., 1980.
- ~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.
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Periodicals :

Journal of urban planning and development.

Web Sites :

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