



Philadelphia University
Faculty of Engineering and Technology
Department of Architecture
First semester, 2021-2022

Course Syllabus

Course Title: Urban planning Design	Course code: 660437
Course Level: 4	Course prerequisite (s) and/or co requisite (s):
Lecture Time 9:45-11:15 mw	Credit hours: 3

Academic Staff Specifics

Name	Rank	Office Number and Location	Office Hours	E-mail Address
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An introduction to the theoretical and practical aspects of urban design and how they relate.

Course module description:

Course Goals & Objectives (list):

Goals:

1. To understand the meaning of urban design as a discourse between architecture, landscape architecture, urban planning and civil engineering.
2. To recognize the physical and social dimensions of urban design to formulate an up-to-date vision concerning urban design.
3. To understand the role of community stakeholders in urban regeneration.
4. To explore both the tangible and less tangible measures that inform the design of cities and the vitality of urban spaces.
5. To recognize the legibility of urban relationships as tools to make sense of the city.
6. To recognize the concept of urban context and clarify the students with the basic concepts and issues of urban environments as they relate to architecture
7. To recognize some of the important practical aspects of urban design concerning project management and other hot issues.

Objectives:

1. Demonstrate an awareness of interdisciplinary nature of urban design as a discourse between different specialties.

2. Demonstrate an understanding the historical development of urban settlements in order to clarify the physical and social dimensions of urban design and the ability to formulate an up-to-date vision concerning urban design.
3. Demonstrate the ability to recognize the role of community stakeholders in urban regeneration.
4. Demonstrate the ability to evaluate the legibility of urban relationships as tools to make sense of the city.
5. Demonstrate an ability to extract implications for planning and design from the concept of urban context with emphasis on the basic concepts and issues of urban environments as they relate to architecture and project management.
6. Demonstrate the ability to evaluate both the tangible and less tangible measures that inform the design of cities and the vitality of urban spaces.

Student Performance Criterion addressed (list number and title):

A.6 Use of Precedents	B.1 Pre-Design:	D.1 Stakeholder Roles in
A.8 Cultural Diversity and Social Equity	B.2 Site Design:	Architecture:
		D.2 Project Management:

Topical Outline (include percentage of time in course spent in each subject area):

Participation 5%	Quizzes 5%	Homework / Assignments 5%	Project 5%
First Exam 20%	Second exam 20%	Final Exam 40%	

Course module objectives:

planning is the principle background for architectural students, to organize spaces and recognize and understand building styles and environmental systems, materials and components which was used in deferent times for obtaining sustainable cities .

Course/ module components

- Theoretical lessons
- Exercises and tests
- Site visits

• **Books (title , author (s), publisher, year of publication)**

There is no specific publication can cover the course syllabus, students will be given a list of reading books, articles and web sites (as seen at the end of the course syllabus).

• **Support material:**

Slide show, CD's, data show DVD's, site visits

• **Homework and laboratory guide :**

Students are requested to use the theoretical lectures to produce technical drawings planning project of the elements which compose the building style and to know the using of the different construction local materials for each zone to compared between each one .

Objectives:

After completing the study, the student is expected to be able to:

Definition of the student

- 1 - the historical background of the emergence of cities since the dawn of civilizations
2. The foundations on which cities were developed,

- 3- Introducing modern theories of urban planning.
- 4- Defining the levels of national, regional, urban planning and socio-economic and urban components of the city

Teaching Methods:

Lectures, discussion groups, teaching groups, problem solving, debates, etc.
Lectures, group discussions and brainstorming, individual and group activities and practical application project.

Learning outcomes:

• Scientific knowledge, understanding and practical application

• Mental skills (ability to think and analyze)

• Communication skills (personal and academic)

• Skills gained from practice

- Identify the architectural planning model for each stage of the history of each civilization of the world -

Teaching methods:

Lectures, study historical projects, slides . Historical sites visits (Jarash) , Every student is obliged to draw assigned details from the outline structure individually.

Learning outcomes:

Rating Tools:

- Short reports and / or presentations and / or short research projects

Short examinations

Projects and activities of student groups with individual tasks for each member of the group

- Short tests

Sudden short tests on a specific topic -----

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- Study duties
 - Joint study assignments produce joint teamwork in the form of reports -----
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- final exam-
My editorial covers all content of the article

Course Evaluation:

<u>Allocation of Marks</u>	
<i>Assessment Instruments</i>	<i>Marks</i>
First Exams	20%
Second Exams	20%
Final Exam	40%
Exercises tests/home work /reports	20%
Total	100%

Documentation and academic honesty

Documentation and Academic honesty :

- Authentication method (with illustrations)

Research and books have been documented in references and sources

- Copyright and ownership
Reserved to authors -
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- Avoid plagiarism

Course/module academic calendar

Monday, Wednesday (from 09.45 to 11.15)

Work home /reports /frame time	Principal subjects	weeks
	The evolution of human groups and the factors affecting them, and the most important of these human gatherings	(1)
	Introduction to Planning and Organization The cities and factors influencing the management of urban development and the formation	(5) (4) (3) (2) (6) First Exams

	of the city developed the theories of urban theoretical cities for urban planning design.	
	Urban Planning design and Use, Urban Growth and Factors Affecting the Management of Urban Development, Negative Phenomenon of Urban Growth and Urban Gatherings: - Urban Expansion and Urbanization: - Urban Management.	(10) (9) (8) (7) (11) Second Exams
	Regional planning: - Development goals in urban planning The emergence of the regional planning method: - Preparation of basic regulatory documents used.	(13) (12) Exam quiz
	Urban design strategy, the nature of the urban strategy The security dimension in urban planning Management of private housing projects and urban development companies And environmental and social problems	(15) (14) Exam quiz
	The project is a group of students to study each student in terms of the city in which they live and work in a joint venture	(16) Final Exam

Attendance policy:

Absence from lectures and/or tutorials shall not exceed 15%. Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean of the relevant college/faculty shall not be allowed to take the final examination and shall receive a mark of zero for the course. If the excuse is approved by the Dean, the student shall be considered to have withdrawn from the course.

Bibliography:

- Arthur b. Gallion, Simon Eisner: The Urban Pattern. City Planning and Design, New York 1986
- *Cities 2000: Megaforges Shaping the Future of the Nation's Cities*. Washington, D.C.: U.S. Department of Housing and Urban Development, 2000. HT123.S73 2000
- Houghton, Evan, W., Architecture & urban Design, London 1978.
- Gordon E. Cherry, ed. Shaping an Urban word 1980.
- Le Corbosier. 1971 [1929]. The City of Tomorrow and its Planning. Cambridge: MIT Press. "Second Part: laboratory Work, An Inquiry into Theory."
- Levy J.M. Contemporary Urban Planning
- Lynch K., The Image of the City, Cambridge, 1971
- Ractliff, A., A Introduction to Town and Country Planning 1974.
- Susan S. Fainstein& Scott Campbell. Eds. Readings in Urban Theory 1996

Prerequisites:

Landscape Architecture

Textbooks/Learning Resources:

Wall, Ed and Waterman, Tim. 2010. Urban Design. London : Avabooks, 2010. Offered
Offered

(semester and year):

Both semesters; annually

Electronic sites

- Arab engineering site
- Arab engineering Arts site
- Site Arch Cairo
- Site Arch Vision