



Amman - Jordan

Study Plan

Faculty Faculty of Architecture and Design .
Specialization Architecture Engineering
Semester Second Semester
Academic Year 2019-2020

Course Name Design and Urban Planning.
Course Number 1101341.

A Copy of the Study Plan Shall be given to Each Registered Student in this Course. The Study Plan Shall be preserved for Future Use.



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Ref.: Deans' Council Session (03/2018-2019), Decision No.: 14, Date: 15/09/2018

1. Lecturer Information

1. Lecturer Name: Dr.Niran Moh. AL Shaikhli
2. Office Number:B 348
3. Phone Number: 06-4790222/367
4. Email: nalshikali@meu.edu.jo
5. Office Hours: Mon &Wed. (12:00 -14:00), Sun. & Tues. (12:00 – 14:00), Sat. (8:00-10:00)

2. Place and Date of the Course

1. The Days and Time of the Course: Mon &Wed. (8:30 -11:30)
2. Place :E 010
3. Course Laboratory (if any):

3. Sources and References

1. Course Book:

- 1) Shirvani, Hamid., 1985, The Urban Design Process, NY. Van Nostrand Reinhold Company.
- 2) Cliff Moughtin, 2003,” URBAN DESIGN:STREET AND SQUARE”, Architectural Press, Architectural Press,Third edition
- 3) Nigel Taylor, 1998, ” Urban Planning Theory Since 1945”, SAGE Publications, First published
- 4) Donald Wastson, 2005,‘Time-Saver Standards for Urban Design”, The McGraw-Hill Companies, Inc.

2. Other References:

- 1) Jon Lang,2005, “URBAN DESIGN:A TYPOLOGY OF PROCEDURES ANDPRODUCTS”,
- 2) Alexander, Christopher. (1965). “The City is not a Tree”, Architectural Forum, 122: 1, 2, 58-62.
- 3) Alexander, Christopher. (1968). “The City as a Mechanism for Sustaining Human contact”. Environment for Man: The Next 50 Years, Bloomington, Indiana, Indiana University Press.

(4) ابو سعدة، هشام، 1994، "الكفاءة والتشكيل العمراني" المكتبة الاكاديمية القاہرة.



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(5) - الدليمي، خلف حسين علي، 2002، التخطيط الحضري - اسس ومفاهيم" الدار العلمية الدولية للنشر والتوزيع ودار الثقافة للنشر والتوزيع، عمان- الاردن.

4. Course Description:

1. The Description:

This course explores important substantive areas and concepts in the field of the basics of urban planning, its most important modern theories and basic rules that are based on various types of planning processes, development of the city and its components, the integration of its functions, the characteristics of the urban fabric and the forms of cities.

As for the concepts in the field of the basics of urban design is about working and designing on the urban scale which in itself is about redefining the limits and relation between design and planning and between internal and external built or open spaces and land uses and zoning and between architecture and landscape or space-escape, also about changes, transformations, evolutions of most cities or urbanism of the last century. It is about enduring vast and rapid changes that hit and shaped the environments whether built or open, natural or man-made, about climate, geography, culture, aesthetics, and technology.

2. Objectives:

Introduction to the latest methodologies, practices and applications of urban planning and design

5. Learning Outcomes of the Course:

- 1) Students will apprehend the role of urban design in solving problems generated from the changing policies, strategies, laws and codes used in the city planning, building structure and landscape.
- 2) Will understand the urban planning and design process, procedures and methodologies.
- 3) Will refer to real concepts and problems and real environmental challenges of real local cases.
- 4) Be trained to handle existing cases of urban design problems and to evaluate related parameters and properties and analyze its conditions and decide level of interferences.
- 5) Discuss points of argument and differences between architectural design, town and city planning and landscape or space design.
- 6) Comprehend and relate methodologies, applications and practices on the international, regional and local levels.
- 7) Relate theories with hypothesis at the professional level for reaching solutions by the different practices and experiences within local and international applications.



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- 8) Knowing and adopting certain processes of urban studies procedures including surveys, analysis and synthesis within certain urban tissues or spaces.
- 9) Dealing with heritage, history, culture, values, precepts, and concepts of local communities, societies and congregations.

6. Learning Outcomes of the Programme:

Upon successful completion of this course, the learner should be able to

- 1) Knowing the latest methodologies, practices and applications of urban planning and design
- 2) Understanding where, why and how planning and urban design can solve the growing problems of cities, architecture, space deterioration and decay
- 3) Apprehending the re-concepts of urban design including, redevelopment, reconstruction, rehabilitation, restoration, conservation, preservation, etc...
- 4) Communicating the present era of modern cities with its changing modes of communication, energy utilization and transportation requiring new design in responses to the historical precedents and humanistic considerations.
- 5) Exploring latest theories, practices and applications in urban development's regenerations and transformations

7. Teaching Methods

The methods of instruction may include, but are not limited to

- Theoretical lectures and discussions.
- Lectures by external expertise in the field.
- Site Visits.
- Library visits

8. Evaluation Methods and their Percentage Value %

#	Evaluation		Value	Description
1.	Exams	Midterm Exam 8th week	30%	- Multiple choice questions - Short answer
		2 quizzes	10%	
2.	Design & Urban Planning Project		50%	Urban planning project
3.				



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4.	Participation	5%	Follow – up and evaluation of the notes the student takes during the lecture
		5%	Attendance, punctuality ,conduct Initiatives and self – motivated research Participation in
Total			

9. The Timetable for the Implementation of Course

Week	Subject	Number of Educational Output of the Material	Output Number of the Programme
1	Course Syllabus, ethics academic and professional, methodology, content and context, discussion		
2	Definitions Limitations	1-3	1-3
3	Theories and Applications with regard to urban planning		
4	Theories and Applications with regard to urban planning		
5	Theories and Applications with regard to urban design	5-7	
6	Theories and Applications with regard to urban design		
7	Theories and Applications with regard to urban design		
8	Midterm Exam Design& Urban Planning Project Site Visits	1-7	3-5
9	Site analysis (land use, high, typology, traffic, ---etc.)	3-9	
10	Visions and Proposed Concepts, Ideas ,Proposed Urban Design		
11	The master plan for the area (Alternatives)		
12	Proposed Urban Design (Alternatives)		



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13	Project pre-final Submission		
14	Processing urban planning and design		
15	Project Final Submission		

10. Course Policies

- They are demonstrated according to the Regulations of Granting the degree (Bachelor and Masters) / Student Guide.
- They Should Be Explained to the Students in the First Meeting.

1. Attendance:

- a. Students must attend all classes of this course.
- b. Any student with absence of 15% of the classes of any course, will be illegible to sit for the final exam and will be given the university zero (35%) in this course.
- c. In the case (b) above, if a student submits an official sick report authenticated by university clinic or an accepted excuse by the Dean of his/her faculty, the student will be considered as withdrawn from the course, and a "W" will be shown in the transcript for this course

2. Delays:

Students are not allowed to come late to classes. Any student coming late will not be allowed to attend the class and he/she will be marked absent.

3. Examinations:

- Failure in attending a course exam other than the final exam, will result in zero mark unless the student provides an official acceptable excuse to the instructor who approves a makeup exam.
- Failure in attending the final exam will result in zero mark unless the student presents an official acceptable excuse to the Dean of his/her faculty who approves an incomplete exam, normally scheduled to be conducted during the first two weeks of the successive semester.

4. Homework and Projects:

Homework Assignments and projects should be submitted to the instructor on the due date. Zero mark will be given for late submissions unless the student has an acceptable excuse approved by the instructor of the course.

5. Attending Exams and Meeting Deadlines:

- A student who is late more than 10 minutes will not be permitted to sit the exam (first, second or mid exams).



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- A student who is late more than 30 minutes will not be permitted to sit to final exam, and no student will be permitted to leave the exam center before the elapse of 30 minutes.

6. Cheating and Punishment:

The minimum penalty for cheating is an automatic Zero for the test or assignment leading to a possible “F” for the course. The exam invigilator will produce a report on the case to the examination committee chairman. The report will be kept in the student file. The student may remain seated in the exam center, but in case that causes a disturbance to other students, the student will be expelled out of the exam center if approved by the examination committee chairman. A second offense will result in the immediate suspension of the student for the remainder of the current semester. A copy of the decision will be kept in the student file

