COURSE PLAN

FIRST: BASIC INFORMATION

College	
College	: Karak University College
Department	: Department of Basic and Informatics Sciences
Course	
Course Title	Culture and Society Reflected in Building Construction
Course Code	020112281
Credit Hours	1 (0 Theoretical, 1 Practical)
Prerequisite	
Instructor	
Name	: Majd Ali Al-Saraireh
Office No.	:
Tel (Ext)	:
E-mail	: Majd.al-saraireh@bau.edu.jo
Office Hours	:
Class Times	
Text Book	
Title	The Touch architecture textbook. Space design architecture textbook.

Class Times					

References

- Karlen M., Fleming R. (2016). Space Planning Basics, 4th Edition. Publisher: Wiley; 4th edition (M arch 14, 2016). Language: English. Paperback: 256 pages. ISBN-10: 9781118882009.
- American Planning Association. (2006). Planning and Urban Design Standards. ISBN: 978-0-471-47581-1 February 2006 752 Pages.
- Duncan, Skye, Gabriela Callejas, Alexandra Gonzalez, Belinda Kanpetch, Parul Agarwala, & Jeff Shumaker. "Active Design: Shaping the Sidewalk Experience." Department of City Planning, City of New York, NY: 2013.

SECOND: PROFESSIONAL INFORMATION

COURSE DESCRIPTION

This course cover working knowledge of social, cultural, and architectural aspects for building construction and management. It also enables technicians to think positively and make effective decisions regarding culture and society.

COURSE OBJECTIVES

The objective of this course is to enable the student to do the following:

-Recognize the need for intimacy with people and spaces.

- Recognize the relationship between human movement and space
- Classify several aspects related to culture and society.
- Identify the relationship between size and furniture.
- Express the importance and meaning of the sound environment.
- Recognize the basic concepts of the built environment.
- Recognize the importance of sunlight and insolation
- Identify the environment around buildings and the urban environment.

COURSE LEARNING OUTCOMES

On successful completion of this course, students are expected to be able to:

CLO1. Recognize the concepts of building construction that are familiar to space and humans
CLO2. Recognize the techniques and approaches that facilitate human movement in space
CLO3. Recognize vital cultural and social definitions to use in building construction engineering
CLO4. Recognize s How to decide appropriate scale of the objects
CLO5. Recognize the noise and vibration problems and the innovative approaches used to provide a comfortable sound environment
CLO6. Recognize the concepts of architectural engineering related to the human environment
CLO7. Recognize the role of solar radiation and approaches to allow adequate solar insolation in the facilities
CLO8. Recognize some concepts related to the environment around buildings and man-made environments

COURSE SYLLABUS

Week	Topic	Topic details	Related LO and Reference (Chapter)	Proposed assignments
1	Introduction	• Concepts and introducing the course key goals in civil and architecture engineering. • Familiar concepts in civil engineering and architecture for space and human.	CLO1	
2	Human and Space	• Human factors and requirements in the building space. • Design of equipment and facilities for human use. • The development of environments for human being	CLO2	
3	Human Movement and Space	• Architectural design process for comfortable human movement in the space. • motion-oriented design strategies for comfortable human movement.	CLO2	

Week	Topic	Topic details	Related LO and Reference (Chapter)	Proposed assignments
4	Human Movement and Space	• Engineering techniques and approaches that facilitates human movement in the space. • Key Methods related to architecture and civil engineering in human movement.	CLO2	
5	Culture and Society	• Significant cultural and social concepts to consider in contraction. • Culture and Society Reflected in Building	CLO3	
6	Culture and Society	• Understand vital cultural and social definitions to use in architecture. • Understand vital cultural and social definitions to use civil engineering.	CLO3	
7	Scale and Furniture	• Selecting appropriate scale of the objects using civil and architectural engineering principles. • Choosing suitable furniture in terms of civil and architectural engineering concepts. • Understanding activities and procedure related to the selection of furniture. • Being aware to civil engineering concepts related to movable objects, and equipment in several facilities.	CLO4	
8		**Midterm Exam**		
9	Sound Environment	• Understanding noise and vibration problems and learn their concepts and characteristics in the engineering facilities. • Learn control techniques and methods important to monitor and reduce the vibration and noise in buildings.	CLO5	
10	Sound Environment	• Understand new and innovative approaches used to provide comfortable sound environment and minimize noise and vibration in facilities.	CLO5	
11	Built Environment	• Learn man-made structures built in the environment. • Distinguish built environments that individuals use for work and living.	CLO6	
12	Built Environment	• Understand several civil and architectural engineering concepts related to the built environments.	CLO6	

Week	Topic	Topic details	Related LO and Reference (Chapter)	Proposed assignments
13	Sunlight and Solar Insolation	• Understand the key role of solar radiation and significance in the buildings. • Determine critical methods to enable sufficient sunlight entrance in the building	CLO7	
14	Sunlight and Solar Insolation	• Understand key approaches to allow adequate solar insolation in the facilities.	CLO7	
15	The Environment around Buildings and the Urban Environment	• Understand several concepts related to the environment around buildings. • Determine the key definitions and key characteristics of urban environment. • Understand human-made environment, including houses, facilities, zones, roads, sidewalks, open spaces, and transportation options.	CLO8	
16	**Final Exam**			

COURSE LEARNING RESOURCES

Teaching will be achieved using available resources including Lectures, data show and materials uploaded to the e-learning system and term projects.

ONLINE RESOURCES

A lot of references and learning videos and codes are available on the internet. The student could refer to them for more information.

ASSESSMANT TOOLS

ASSESSMENT TOOLS	%
Projects and Quizzes	30
Mid Exam	20
Final Exam	50
TOTAL MARKS	100

THIRD: COURSE RULES

ATTENDANCE RULES

Attendance and participation are extremely important, and the usual University rules will apply. Attendance will be recorded for each class. Absence of 10% will result in a first written warning. Absence of 15% of the course will result in a second warning. Absence of 20% or more will result in forfeiting the course and the student will not be permitted to attend the final examination. Should a

student encounter any special circumstances (i.e. medical or personal), he/she is encouraged to discuss this with the instructor and written proof will be required to delete any absences from his/her attendance records.

GRADING SYSTEM
Example:

Grade	points
-	

REMARKS

Use of Mobile Devices, Laptops, etc. During Class, unexpected noises and movement automatically divert and capture people's attention, which means you are affecting everyone's learning experience if your cell phone, laptop, etc. makes noise or is visually disturbing during class. For this reason, students are required to turn off their mobile devices and close their laptops during class.

Academic Integrity. Copying assignments, allowing assignments to be copied, will fail the assignment on the first offense. Cheat in tests, or copying assignments for the second time.

Cite all sources consulted to any extent (including material from the internet), whether or not assigned and whether or not quoted directly.

Project: Students will undertake a term project to study in detail one of the course topics. The project may involve a critical literature review or a case study. The students should consult at least five (5) references or journal articles. A written project report of 10 pages maximum will be submitted in nominated dates. Ten-minute presentation will be given to the rest of the class during the last two weeks of the semester.
Formats, Rules, Topics, submission and presentation dates are illustrated in project form.

COURSE COORDINATOR

Course Coordinator	**Department Head:**
Signature:	**Signature:**
Date:	**Date:**