Course Specification
— (Bachelor)

Course Title: INTRODUCTION TO URBAN DESIGN

Course Code: ARCH 351

Program: Architecture

Department: Architecture

College: Architecture and Planning

Institution: Qassim University

1. Course Identification

Course general Description:

The course introduced to the basic principles and theories of urban design, its importance and fields, the student's knowledge of the stages of development of urban design, the study and analysis of the dimensions of the different urban design aspects, an explanation of the principles of the human Urban Design Methodologies and the basic behavioral elements, the student's definition of the urban design process and its components and outputs.

- PART -1
-Introduction to the course and its objectives and conditions of passing.
- Studying the history of urban design.
- Studying urban development socially, economically and academically.

- PART -2
- Visual and perception studies,
- Mental Perception studies,
- Physical urban elements studies,

- PART -3
- Studying ways and means of developing neighborhoods and regions,
- Human methodologies for urban design,
- Qualities for urban design.

- PART -4
- Application project,
- Follow-up of the applied project.

Course Main Objective(s):

1. Understand the diverse needs, values, social and spatial patterns that characterize different cultures and individuals and the implications of this diversity on the design of urban spaces.
2. Have a basic understanding of theories and methods that seek to clarify the relationship between human behavior and the physical environment and urban void.
3. Be able to collect, evaluates, register and apply information related to urban design.
4. Be able to implement urban development through the existing urban areas.
5. Be able to conduct visual perception studies, physical studies and user's behavior analysis.
6. Be able to recognize of methods and means of developing urban character for existing /new urban areas.

2. Course Learning Outcomes (CLOs)

Code	Course Learning Outcomes	Code of CLOs aligned with program
1.0	**Knowledge and understanding**	
1.1	**Recognize** of the diverse needs, values, social and spatial patterns that characterize different cultures and individuals and the implications of this diversity on the design of urban spaces.	**K-2**
1.2	**Consider** a range of needs, values, and contexts influencing the development of theoretical architecture, in addition to the influence of history, social, place context, environment, time, and technology of urban design theories about society and its performance.	**K-2**
2.0	Skills	
2.1	**Apply** fundamental urban design skills that utilize problem solving and critical thinking in planning issues; which **insist** the student responsibility for his self-learning, which requires the use of means to search for new information in the field of urban planning investigation.	**S-1**
2.2	**Develop a**n urban planning and deliver a urban humanization development project (appraisal, synthesize, analyze, and evaluate solutions) and **Implement** design analysis and process.	**S-2**
3.0	Values, autonomy, and responsibility	
3.1	**Acknowledge** the urban planner's societal, professional, and ethical responsibilities and values, including the architect's diverse role and relationships with clients, consultants, and other stakeholders	**V-1**

3. Students Assessment Activities

No	Assessment Activities *
1.	Attendance, participation and interaction during lectures (handouts/ assignments)
2.	Quizzes (1-2)
3.	Individual and group work (Project Presentations)
4.	Mid-term exam
5.	Applied and field project final submission
6.	Final exam

4. Learning Resources and Facilities

Essential References	• Auof, Ahmed: The Principles of Urban Design, Cairo, 2002 • The image of the city, Lynch, Kevin; (1960), The M.I.T. Press, USA. • Bentley, Ian and et al.: Responsive Environments: A Manual for Designers, AL Sevier, Architectural Press, Oxford, 2005.
Supportive References	• An Introduction to Urban Design, Barnett, Jonathan, (1982), Harper & Row, New York. • Urban Design: Street and Square, Moughtin, C., et al (2003), Architectural Press. • Time Saver Standards for Urban Design, Watson, D.; et al, (2003), The McGraw-Hill Companies, Inc. • Urban Design Reader, Carmona, M., et al., (2007), Architectural press. • Public places – urban spaces: the dimensions of urban design, Carmona, M., et al., (2003), Architectural press. • Convivial Urban Spaces: Creating Effective Public Places, Shafto, H.; (2008), Earth scan, London. • Urban Design: Green Dimensions, Moughtin, C., et al (2005), Architectural Press.
Electronic Materials	https://www.archnet.org/
Other Learning Materials	AutoCAD 2019 help files, GIS 10 edition