Course Specification
— (Bachelor)

Course Title: Architectural Design Studio (5)

Course Code: ARCH 307

Program: Architecture

Department: Architecture

College: Architecture and Planning

Institution: Qassim University

1. Course Identification

Course general Description:

This course aims to familiarize students with the principles of town planning and urban design and the practices of master planning and parceling with consciousness of socio-economic issues and linkages, image ability, districts, nodes, edges, paths, landmarks and urban language(City elements for Kevin Lynch), study of SWOT analysis (strengths ,weaknesses, opportunities and threat) .The associated design tasks, which may include conservation and urban renewal in the context of urban development, as well as suggestion of new architectural facilities initiatives, this will concentrate on spatial organization, land use, building form and massing, circulation and parking, open spaces, pedestrian ways and activity patterns, the association with other professions in the urban planning circles whilst capable to resolve a list problem within chosen site**.**

Course Main Objective(s):

1. Ability to execute master planning within a given urban context.
2. Ability to execute the urban design rituals of site inventory and analysis works systematically.
3. Develop and/or revitalize and existing urban fabric and address the issues of urban design and urban community structures.
4. Ability to prepare documentation of design works that include policy statements.
5. Ability to design an individual building until design schematic stage within designated parceling.
6. Applying professional skills and ability to work independently as well as with team's work .in urban environment and specific architecture responsive to local conditions and to contemporary
7. Enhance the urban quality of life and view architecture as an integration of context, climate, culture, technology and economic factors
8. Develop an understanding of urban sustainability as an integral part of urban design.

2. Course Learning Outcomes (CLOs)

Code	Course Learning Outcomes	Code of CLOs aligned with program
1.0	**Knowledge and understanding**	
1.1	Ordering to gather, assess, record, apply, and comparatively evaluate relevant information within architectural coursework and design processes.	**K-1**
1.2	Collecting the site characteristics such as soil, topography, vegetation, and watershed in the development of a project design.	**K-1**
1.3	Classify students to work in collaboration with others and in multidisciplinary teams to successfully complete design projects.	**K-2**

Code	Course Learning Outcomes	Code of CLOs aligned with program
1.4	Understanding of the architect/urban designer's responsibility to work in the public interest and to improve the quality of life for local and global neighbors.	K-2
1.5	Collecting the community and social responsibility literatures in the urban and environmental realm.	K-2
2.0	Skills	
2.1	Integrate Urban Landscape and other systems in Urban design with an emphasis on the path.	S-1
2.2	Elaborate to design projects that optimize, conserve, or reuse natural and built resources, provide healthful environments for occupants/users, and reduce the environmental impacts of building construction and operations on future generations through means such as carbon-neutral design, bioclimatic design, and energy efficiency.	S-2
3.0	Values, autonomy, and responsibility	
3.1	Participate the ethics of urban and environmental leadership and urban management.	V-1
3.2	Appreciate the social impact of practicing the legal responsibilities and its value in urban management discipline.	V-1

3. Students Assessment Activities

No	Assessment Activities *
1.	Assignment 1 -Precedent Studies, Site data collections (Team works)
2.	Assignment 2 -Site Inventory, Analysis (Team work)
3.	Assignment3-Diagrammatic Synthesis, Urban development's plans for selected work group areas. (Team work)
4.	Assignment 4 -3D Physical Model Workshop (Team work)
5.	Assignment 5 – Architectural Initiatives: Program, urban realm, design with context, concept with the relation to the main aim of the project. (Individuals)
6.	Assignment 6 – Pre-final: Architectural initiatives (all architecture items). (Individuals)
7.	Assignment 8 (Final)– All Items (Final Submission) + Physical Final Model+ Portfolio

4. Learning Resources and Facilities

Essential References	Saudi Building Code National Committee. (2007). The Saudi Building Code (SBC)—Section 601: Energy Conservation. Riyadh, Saudi Arabia, 196. Time Saver for Urban Design.
Supportive References	Joseph Chiara& John Callener, Time-Saver Standards for Building Types, Second Edition, 2008. Edward T. White, "Site Diagramming for Architectural Information Design Analysis", Architectural Media Ltd, United States of America, ISBN 1.928643-04-3, 1983.
Electronic Materials	https://epdf.tips/time-saver-standards-for-architectural-design-data.html
Other Learning Materials	None