



# Course Specification

— (Bachelor)

**Course Title:** ARCHITECTURAL DESIGN STUDIO- 3

**Course Code:** ARCH 205

**Program:** Architecture

**Department:** Architecture

**College:** Architecture and Planning

**Institution:** Qassim University

## 1. Course Identification

### Course general Description:

This course aims to be an extended development of architectural design as a means to further investigate the relationship of architectural means and intent, including brief requirements, people and architecture relationship, site analysis, staged approaches to design and investigation of architectural theory. Emphasis will be on a design of building in an urban site with technical biased of sustainability.

### Course Main Objective(s):

In this course, the students will be able to:

- Exposed to the design and understanding of design process of more complex technically biased buildings that are institutional/civic or public in nature within semi-urban and urban setting.
- Integrating consideration of public issue such as comfort, safety and accessibilities and how the architecture are perceived and experienced by the users and the public within the given context.
- Introduced to the building regulations as stated in by law and how it affects the design.

## 2. Course Learning Outcomes (CLOs)

Code	Course Learning Outcomes	Code of CLOs aligned with program
<b>1.0</b>	<b>Knowledge and understanding</b>	
1.1	<b>Define</b> an existing precedent through specific design research process.	K-1
1.2	<b>Recall</b> design theories in regard to establish accessibility and system skills & fundamentals of both natural and formal ordering systems in concept in the building design.	K-1
1.3	<b>Identify</b> the basic principles of the structural and appropriate application of contemporary structural systems.	K-2
<b>2.0</b>	<b>Skills</b>	
2.1	<b>Apply</b> green technology and sustainable concept in the building design.	S-2
2.2	<b>Integrate</b> building function and basic principles of life-safety systems with an emphasis on egress.	S-3
<b>3.0</b>	<b>Values, autonomy, and responsibility</b>	
3.1	<b>Aware</b> the copyright of precedent studies by collaborating and working in multidisciplinary teams.	V2



### 3. Students Assessment Activities

No	Assessment Activities *
1.	Assignment 1- Theoretical research and scientific analysis of the project
2.	Assignment 2- Syntheses and Concept
3.	Assignment 3- Initial work of layout and plans required for the project
4.	Assignment 4-A final modification of layout and plans
5.	Assignment 5- Sections, Elevations, Internal and External perspectives
6.	PRE-FINAL presentation of the project
7.	FINAL presentation of the project

### 4. Learning Resources and Facilities

<b>Essential References</b>	<ul style="list-style-type: none"> <li>• Ernst and Peter Neufert, Architects' Data, Fourth Edition, Blackwell Publishing Ltd., 2012.</li> <li>• Abu Ouf, Tarek Farooq, Design Concept, Umm Al Qura University, K.S.A, 2015.</li> </ul> <p>Saudi Building Code National Committee,(2007), The Saudi Building Code (SBC)—Section 601: Energy Conservation. Riyadh, Saudi Arabia, 196.</p>
<b>Supportive References</b>	Joseph Chiara& John Callener, Time-Saver Standards for Building Types, Second Edition, 2008.
<b>Electronic Materials</b>	<a href="https://archive.org/details/Architectural_Standard_Ernst_Peter_Neufert_Architects_Data">https://archive.org/details/Architectural_Standard_Ernst_Peter_Neufert_Architects_Data</a> .
<b>Other Learning Materials</b>	Illustrated lectures and a scientific material prepared according to the PowerPoint program.

