



Course Specification

— (Bachelor)

Course Title: **THEORY OF ARCHITECTURE-2**

Course Code: **ARCH 243**

Program: **Architecture**

Department: **Architecture**

College: **Architecture and Planning**

Institution: **Qassim University**

1. Course Identification

Course general Description:

The course deals with the study of the architectural spaces in terms of the functional requirements, As well as verification of what the student learned from the previous requirement through the analysis of the concepts of architecture and design of the different types of buildings (residential, religious, educational, cultural, health, administrative, sports, transportation, etc.) and included for accessibility and movement, and sensory and cognitive disabilities, Security and safety, with emphasis on escape stairs and exit corridors.

Course Main Objective(s):

In this course, the students will:

- Understanding the architectural space and functional requirements to use the architectural element.
- Present a general knowledge about movement in buildings and movement of the disabled.
- knowledge on the design problems and their integration with life safety systems and methods and methods of treatment.
- Teaching students methods of analysis of functional spaces and enable them to link the functional relations of the elements of the building.

2. Course Learning Outcomes (CLOs)

Code	Course Learning Outcomes	Code of CLOs aligned with program
1.0	Knowledge and understanding	
1.1	Identify the fundamentals of both natural and formal ordering systems and the capacity of each to inform two- and three-dimensional design.	K-1
1.2	Define the sites design, facilities, and systems to provide independent and integrated use by individuals with physical (including mobility), sensory, and cognitive disabilities.	K-1
1.3	Define the basic principles of life-safety systems with an emphasis on egress.	K-1
2.0	Skills	
2.1	Practice to design and analyze spaces for building types.	S-2





Code	Course Learning Outcomes	Code of CLOs aligned with program
2.2	Motivate to conduct field research and analyze data with outcomes	S-2
3.0	Values, autonomy, and responsibility	
3.1	Adhere the awareness of the life-safety systems principles with authority requirements	V-1

3. Students Assessment Activities

No	Assessment Activities *
1.	Quizzes, Class questions
2.	Midterm exam.
3.	Assignment & term paper (Final Submission)
4.	Final Exam

4. Learning Resources and Facilities

Essential References	Francis D.K, (1996). Architecture: Form, Space and Order , Ching, Van Nostrand Reinhold Company, New York
Supportive References	-Neufert. - Abdul Bake Ibrahim, (1987). Building Architectural Thought and Design Process , Center for Planning and Architectural Studies, Cairo. - Ali Bin Salem Bahamam Translation, (1422H) Elements of Architectural Design , Optical Reference, Borden, Ernst, , Scientific Publishing and Printing, King Saud University, Riyadh. - The Saudi Code for Security and Safety -Scientific journals: (world of construction, Saudi construction, design, architecture, etc.), and websites.
Electronic Materials	NONE
Other Learning Materials	NONE

