Course Specification

(Bachelor)

Course Title: Graduation Project

Course Code: DEG 409

Program: Architecture

Department: Architecture

College: Architecture and Planning

Institution: Qassim University

1. Course Identification

Course General Description:

This course is a comprehensive final studio project based on the cumulative knowledge and skills developed throughout the previous architecture design studios, course work and professional experience. The coursework is independent study based on an extensive programming document completed in the Graduation Project Research (DEG 453).

Course Main Objective(s):

The main objective of this course:

- To advance students' acquired skills and experiences through a major project adequate in design depth and complexity.
- Present and implement the various project parameters that had been explored in the previous course "Graduation Project Research", such as project program, site analysis, etc.
- Initiate a conceptual design based on functionality as well as spatial, structural, formal and other relevant or project-specific criteria.
- Prepare and present a complete project, highlighting different stages of design with emphasis on the final phase.

2. Course Learning Outcomes (CLOs)

Code	Course Learning Outcomes	Code of CLOs aligned with program
1.0	**Knowledge and understanding**	
2.0	**Skills**	
2.1	Apply fundamental architectural design skills that utilize problem solving and critical thinking in architecture design demine. (Fundamental design)	**(S1)**
2.1	Organize the proposed functional program in adequate level in architecture design project. (Fundamental design)	**(S1)**
2.2	Integrate the investigation and design processes that identify architecture design problems, highlight architecture's theoretical aspects, (Design analysis and process).	**(S2)**
2.2	Define and Apply the project stages setting assessment criteria, develop project plan and appraisal, and synthesize, analyze, and evaluate solutions. (Design analysis and process).	**(S2)**

Code	Course Learning Outcomes	Code of CLOs aligned with program
2.3	Design buildings based on well-integrated systems, theoretical, economic, environmental concepts and constructability. (Design product)	(S3)
2.4	Demonstrate an ability to communicate effectively using oral, written, graphical, visual forms and CAD skills for architectural practice. (Communication)	(S4)
3.0	**Values, autonomy, and responsibility**	
3.1	Acknowledge the architect's societal, professional, and ethical responsibilities and values, including the architect's diverse role and relationships with clients. (Responsibility as a professional)	(V1)
3.2	Aware of the architect's role as consultant, and other stakeholders. (Responsibility as a professional)	(V1)

3. Students Assessment Activities

No	Assessment Activities *
1.	Critic sessions & Jury session
2.	Stages & Final Presentation / Jury

4. Learning Resources and Facilities

Essential References	-W. M. Pena, S. A. Parshall. (2012). Problem seeking: An architectural programming primer. John Wiley & Sons. Inc. -Ernst Neufert, Peter Neufert (2012). Neufert Architects' Data, Fourth Edition, 4th Edition. Blackwell Publishing Ltd, -Joseph De Chiara and Michael J. Crosbie, (2001). Time-Saver Standards for Building Types: Ise 4Rev Ed Edition. McGraw-Hill.
Supportive References	-Saudi Building Code National Committee. (2018). The Saudi Building Codes SBC Saudi Building Code National Committee. (2007). The Saudi Building Code (SBC)—Section 601: Energy Conservation. Riyadh, Saudi Arabia, 1996.
Electronic Materials	**NONE**
Other Learning Materials	**- Review of scientific references, topics, websites that related to students' projects**