Course Specification
— (Bachelor)

Course Title: Graduation Project Research

Course Code: DEG 453

Program: Architecture

Department: Architecture

College: Architecture and Planning

Institution: Qassim University

1. Course Identification

Course general Description:

This course is an essential part of the final year project program. The students contact research on the selected project in terms of precedent study, project identity, programming, development of architectural ideas and concept and site selection and analysis. At the end of this course, the students submit an efficient and professional report.

Course Main Objective(s):

1. Develop the students' ability to do research, analyze data and write reports.
2. Provide a comprehensive architecture project program that should be suitable to start the design of the project in the final semester project.
3. Ability to understand the various design parameters of the final semester project.

2. Course Learning Outcomes (CLOs)

Code	Course Learning Outcomes	Code of CLOs aligned with program
1.0	**Knowledge and understanding**	
1.1	Define the project parameters that include form, space, and human behavior	K-1
1.2	Understanding the concept, and methods of practical research in architecture and identifying problems, analyzing, interpreting, and evaluating needs	K-2
1.3	Identify the comprehensive project program that includes user needs, an inventory of space and equipment requirements, an analysis of the project site, and a definition of site selection and design assessment criteria.	K-3
2.0	**Skills**	
2.1	Prepare the comprehensive project program that includes user needs, an inventory of space and equipment requirements, an analysis of the project site, and a definition of site selection and design assessment criteria.	S-2
2.2	Communicate to build up greater confidence and proficiency, and to demonstrate the knowledge acquired and the skills developed throughout the educational program.	S-4
3.0	**Values, autonomy, and responsibility**	
3.1	Analyze and acknowledge an existing precedent through a specific design research process.	V-1
3.2	Undertake the role and nature of socially responsible architects to support the community under the corporate social responsibility	V-1

3. Students Assessment Activities

No	Assessment Activities *
1.	Assignment 1 - Precedent Studies
2.	Assignment 2 - Identify Project Program
3.	Assignment 3 - Site Analysis and Synthesis
4.	Assignment 4 – Pre- Final Report
5.	Assignment 5 – Presentation
6.	Assignment 6 – Final Report

4. Learning Resources and Facilities

Essential References	WM Pena, SA Parshall. (2012). Problem seeking: An architectural programming primer. John Wiley & Sons. Inc.
Supportive References	Saudi Building Code National Committee. (2007). The Saudi Building Code (SBC)—Section 601: Energy Conservation. Riyadh, Saudi Arabia, 196.
Electronic Materials	None
Other Learning Materials	None