

Course name: GRADUATION PROJECT RESEARCH

Course code: DEG 453

Course hours: Credit hours 3, Contact hours 4

Course Pre-requisites: None

Course 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

In this course, the students will be:

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

Course Learning Outcomes

After the completion of this course, the students will be able to;

- Define the project parameters that include form, space and human behavior
- Prepare the comprehensive project program that include user needs, an inventory of space and equipment requirements, an analysis of project site, and a definition of site selection and design assessment criteria.
- Analyze an existing precedent through specific design research process.

Course evaluation

- Attendance and instructor's evaluation
- Weekly/biweekly reviews
- Class participation
- Pre-final
- Final Jury

Course recommended books

- WM Pena, SA Parshall. (2012). Problem seeking: An architectural programming primer. John Wiley & Sons. Inc.

Course References

- Saudi Building Code National Committee. (2007). The Saudi Building Code (SBC)—Section 601: Energy Conservation. Riyadh, Saudi Arabia, 196.