

Course name: ARCHITECTURAL DESIGN STUDIO (3)

Course code: ARCH 205

Course hours: Credit hours 5, Contact hours 10

Course Pre-requisites: ARCH 204

Course 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 expectation.

Course Main Objective

In this course, the students will be:

- Exposed to the design and understanding of design process of a more complex technically biased med rise buildings which 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 is 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.

Course Learning Outcomes

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

- Analyze an existing precedent through specific design research process.
- Apply design theories in regard to establish accessibility and system skills & fundamentals of both natural and formal ordering systems in concept in the building design.
- Outline the complex building form, structural system, function and urban context
- Integrate building function and basic principles of life-safety systems with an emphasis on egress.

Course evaluation

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

Course recommended books

- <https://epdf.tips/time-saver-standards-for-architectural-design-data.html>.

Course References

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