

Course name: ARCHITECTURAL DESIGN STUDIO

Course code: ARCH 103

Course hours: Credit hours 5, Contact hours 10

Course Pre-requisites: None

Course Description

This course will introduce the students to a fundamental aspect of architecture design, with the understanding of basic elements of architecture and its principles which are explored and expressed through assigned architectural projects which emphasis on anthropometrics. The students need to understand and respond to clients, function and the site. The course will also emphasize the importance of visual communication in architecture. It will be supported by a series of lectures, site visits, workshops, and progressive tutorials.

Course Main Objective

In this course, the students will be:

- To further explore the concept of inhabitation in relation to architectural design.
- To develop an understanding of the relationship between client–function–site
- To understand basic design vocabularies and to manipulate the relationships amongst the idea, form, space, structure, craft, material, colour, wholesomeness and detail.
- To further develop architectural presentation skills in 2D, 3D, visual and verbal communications.
- Taught on the basic notion of architectural space - spatial quality, spatial relationship and spatial character

Course Learning Outcomes

- After the completion of this course, the students will be able to;
- Analyze an existing precedent through specific design research process.
- The ability to compose the basic architectural elements in a meaningful manner.
- Manipulate form and spatial, scale and proportion elements in architectural design
- Translate ideas and concept into form and space
- Effectively communicate their design idea orally and visually using drawings and models.
- Basic manual drawing, composition, model-making and presentation skill.

Course evaluation

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

Course recommended books

- Ching, F.D.K. 2nd ed. 1996, Architecture Form, Space and Order (NY: Van Nostrand Reinhold)

Course References

- Zell, Mo. 2008, The Architectural Drawing Course: Understand the principles and master the practices (London: Thames and Hudson Ltd)