



University of Salahaddin – Hawler
College of Engineering
Architectural Engineering Department

Course Book of
Design Studies
2nd Semester

For
Post Graduate Students (M.Sc.)
Two hours per week
Two units

Dr. Faris Ali Mustafa

B.Sc., M.Sc., and PhD. in Architecture

H.P. No.: 07504524659

E-mail: farisyali@yahoo.com

Website:

<http://suh-edu.academia.edu/FARISMUSTAFA>
https://www.researchgate.net/profile/Faris_Mustafa/
<https://www.linkedin.com/in/dr-faris-a-mzoori-741a1438/>

Design Studies

Subject	Course Book of Design Studies (MSc. Students)
Lecturer	Asst. Prof. Dr. Faris Ali Mustafa
Department	Department of Architectural Engineering
Contact:	E-Mail: farisyali@yahoo.com
Coordinator's name:	M. Lana Abu-Bakr

Design Studies

General brief about the subject

This subject aim to provide MSc. students with skills and knowledge how to deal with architectural design methods and how to analyze architectural projects and design issues...It offers a solid foundation in design studies, which is an academic discipline that addresses the universal nature of design and the complex activity of designing. Design studies address the different ways in which design has been characterized and practiced, the contexts and systems in which designs operates, and the responsibilities that come with the power of designing.

Subject's importance

In the course of this subject students are intended to improve their design skills through discussion and analysis.

The need of subject

The process of design studies is considered to be an important issue which depends on analysis...this subject will enhance the channels of creativity within students mind to be fresh, realistic and communicative regarding different issues related to architectural design methods.

Syllabus (course outline)

Week	Theoretical
Week 1	What is Architecture
Week 2	What is Architectural Design Process Discussing the paper
Week 3	Design studies /channels of creativity Thinking, Crirical Thinking vs. Creative Thinking
Week 4	How to analyze Architecture
Week 5	Elements and principles of Architecture
Week 6	Introduction to architectural theory Architectural Concepts
Week 7	Primary Elements of Form Sources of Architectural Form Discussing the paper
Week 8	Form and Function in Architecture
Week 9	Teaching architectural design
Week 10	Problem solving methods
Week 11	Design Process & Strategic Thinking in Architecture
Week 12	Architecture as a language
Week 13	Origins of design Ideas
Week 14	Types of Thinking Discussing the Assignment
Week 15	Paper discussion

Useful References

- Al-Naim, M. A. (2008). Identity in Transitional Context: Open-ended Local Architecture in Saudi Arabia. *Archnet-IJAR, International Journal of Architectural Research* 2(2), 125-146.
- Bolton, R. (2005). *Habermas's Theory of Communication Action and the Theory of Social Capital*. Paper presented at the Western Regional Science Association.
- Brawne, M. (1992). *From Idea to Building: Issues in Architecture*. Michigan: Butterworth Architecture.
- Burden, E. (2000). *Elements of Architectural Design: A Visual Resource*. (Second ed.). New York: John Wiley and Sons, Inc.
- Droseltis, O., & Vignoles, V. L. (2010). Towards an Integrative Model of Place Identification: Dimensionality and Predictors of Intrapersonal-level Place Preferences. *Journal of Environmental Psychology*, 30(1), 23–34.
- Lawson, B. (2005). *How Designers Think – The Design Process Demystified*. (Fourth Ed.). Architectural Press.
- Meiss, P. v. (2004). *Elements of Architecture from Form to Place*. Hong Kong: Spons Press
- Nelson, L. H. (2004). Architectural Character: Identifying the Visual Aspects of Historic Buildings as an Aid to Preserving Their Character In T. D. o. t. Interior (Ed.), *The Preservation of Historic Architecture The U.S. government's official guidelines for preserving historic homes*. By Department of the Interior (pp. 517): Lyons Press.
- Nesbitt, K. (1996). *Theorizing a New Agenda for Architecture; An Anthology of Architectural Theory 1965 – 1995* New York: Princeton Architectural press.
- Neumann, N. S. (1986). Semiotics of Architectural Ornament: A Method of Analysis. *Arch. and Comport. Architecture and Behavior*, 3(1), 37-53.
- Niezabitowski, A. (2002). The Visual Perception of Spatial Structure of the Built Environment: Basic Descriptive Categories. *Environment Studies*, 20(4).
- Niezabitowski, A. (2004). *Visual Character of the Built Environment as a Tool for the Description, Analysis and Comparison of Architectural Objects*. Paper presented at the 18th IAPS conference, Vienna.
- Niezabitowski, A. M. (2009). Architectonics - A System of Exploring Architectural Forms in Spatial Categories. *Archnet-IJAR, International Journal of Architectural Research*, 3(2), 92-129.
- Unwin, S. (2003). *Analyzing Architecture*. London: Routledge.
- Watson, G. B., & Bentley, I. (2007). *Identity by Design*. Oxford: Elsevier Ltd.
- Watson, V. (2002). *Change and Continuity in Spatial Planning. Metropolitan planning in Cape Town under political transition*. London: Routledge.