

Faculty of Engineering & Technology

History & Theories of Architecture 6

Information :

Course Code : ARC 422

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Department of Architectural Engineering

Instructor Information :

Title	Name	Office hours
Lecturer	AMR MAMDOUH MAHMOUD MOHAMED ALI	3

Area Of Study :

1. Identify the effect on architecture influenced by post modernism, deconstructionism, and future trends in architecture.
2. Share ideas and work in a team or a group.
3. Comparison and analysis.

Description :

The course traces the development of architectural thought in the 2nd half of the 20th Century and its effect on Architecture, Post-modernism, Deconstructionism, Future trends in architecture. The course also discusses concepts and considerations of educational buildings, Transportation buildings and tourist facilities.

Course outcomes :

a. Knowledge and Understanding: :

1 -	Understand concept of design Architectural Form and Context.
2 -	Understand concept of design Architectural Space and Context.
3 -	Understand Environmental and Human aspects in Architecture.
4 -	Identify different Architectural History and Theories.

b. Intellectual Skills: :

1 -	Drive different solution alternatives for the Architectural problems.
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c. Professional and Practical Skills: :

1 -	Design virtual presentations and Write technical reports.
2 -	Apply some computer programs in the Architectural works.
3 -	Conduct research and collect data from different sources (field work, archival records, internet etc).

d. General and Transferable Skills: :

1 -	Share ideas and communicate with others.
2 -	Work in teams (team work).
3 -	Present projects and data using computer.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
BAUHAUS	9	9	
ORGANIC ARCHITECTURE	6	6	
INTUITIVE MODERNISM	6	6	
THE ARCHITECTURE OF DECONSTRUCTION	6	6	
THE HIGH-TECH ARCHITECTURE	6	6	
DIGITAL DESIGN	6	6	
Final Revision	3	3	

Teaching And Learning Methodologies :

Lectures.
Research assignments.
Information collection from different sources.
Site Visits and field trips.
Class discussions, sessions and design critiques

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Attendance	5.00		
Final examination	40.00		
Homework assignments	30.00		
Mid-term examination(s)	15.00		
Quizzes	10.00		

Course Notes :

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Recommended books :

Mencks, Charles. Modern Movements in Architecture, Penguin Books Ltd. 1973, USA.
Mencks, Charles. Architecture Today. Academy Editions, 1988, Uk.
Steele, James. Architecture and Computers.2001, Laurence King Publishing, London.

Periodicals :

Architectural Record
Architectural Review
Architecture d'aujourd'hui

Web Sites :

www.architecturalrecord.com
www.greatbuildings.com