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	Walid Ahmed Moustafa Anan	2

Area Of Study :

-Know the most popular pioneers of architecture in the 20th century.
-Know the different concepts and considerations of different types of Architecture.
-Know the new technology software and machines and define its effect on the development of architectural forms execution.

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, and 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 -	Illustrate how different pioneers effected in the development of architecture through the 20th century.
2 -	List different types of trends and styles of Architecture.
3 -	List different types of architecture and their advantages and disadvantages.
4 -	List different methods and technologies that helped in executing complicated forms in architecture.

b.Intellectual Skills: :

1 -	Differentiate between different types of architecture.

c.Professional and Practical Skills: :

1 -	Use freehand sketches and drafting to draw architectural sketches.

d.General and Transferable Skills: :

1 -	Present reports and projects, and deliver presentations demonstrating efficiency in IT capabilities.
2 -	Discuss conclusions and results of researches or assignments.
3 -	Work coherently and communicate effectively as a part of a multidisciplinary team in researches and /or assignments and projects.
4 -	Search for information and adopt life-long self-learning.
5 -	Work under stressful environments and within constraints of time.

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Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Bauhaus	6	6	0
Organic Architecture	9	9	0
Intuitive Modernism	6	6	0
The Architecture of Deconstruction	6	6	0
The high-tech Architecture	6	6	0
Digital Design	12	12	0

Teaching And Learning Methodologies :

Lectures
Research assignment
Homework

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Attendance & Participation	10.00		
Final examination	40.00		
In Class Quizzes	5.00		
Mid-term examination(s)	10.00		
Researches and assignments	35.00		

Course Notes :

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Recommended books :

-Modern movements in Architecture, Charles Jencks, 1973, Penguin Books Ltd, United Kingdom.
-Late Modern Architecture, Charles Jencks, 1980, Rizzoli; First American Edition.
-The Language of Post-Modern Architecture, Charles Jencks, 1991, Rizzoli; 4th Edition.

Periodicals :

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Web Sites :

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