

Faculty of Engineering & Technology

History & Theories of Architecture 1

Information :

Course Code : ARC 221

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Department of Architectural Engineering

Instructor Information :

Title	Name	Office hours
Professor	Youssef Omar Mohamed Elrefaey	2
Professor	Youssef Omar Mohamed Elrefaey	2
Assistant Lecturer	Wessam Mohamed Badawy Bakhaty	
Teaching Assistant	Aya Tarek Ibrahim Abdelhadi Ahmed	

Area Of Study :

The main aims of this course are to:

- Build the student's knowledge of the architectural styles and theories of these eras:
 - o Before Christianity.
 - o Early Christianity.
 - o Baroque & Rococo

Description :

The study deals with different topics like history of each period, geology & climate, materials, construction systems, architectural character and analysis for examples.

The periods are:

Ancient Egyptian - Mesopotamia - Greek - Roman - Early Christianity - Byzantine - Renaissance - Baroque - Rococo.

Course outcomes :

a.Knowledge and Understanding: :

1 -	Explain the famous and great buildings of the specified periods
2 -	Explain the Ancient civilizations of the specified periods
3 -	Explain the development of the historical architecture

b.Intellectual Skills: :

1 -	Compare the effective factor elements for different historical architectures.
2 -	Differentiate the Impact between civilization and architecture.

c.Professional and Practical Skills: :

1 -	Apply the difference between styles of the historical architecture in architectural design.
2 -	Apply principles of the historical architectural design and construction methods.

d.General and Transferable Skills: :

1 - N/A

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Ancient Egyptian Architecture	4	4	–
Mesopotamian	2	2	–
Greek	4	4	–
Roman	4	4	–
Early Christian 2	2	2	–
Byzantine	2	2	–
Renaissance	4	4	–
Baroque	2	2	–
Rococo	2	2	–
Terminology and definitions	4	4	–

Teaching And Learning Methodologies :

Lectures.
Assignment
Participation

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Assignments	30.00		a1 b2 a2 a3 b1 c1 c2
Final exam	40.00		c1 a1 b1 b2 c2
In Class Quizzes	20.00		b1 a3 b2 c1 d1
Participation	10.00		

Books :

Book	Author	Publisher
Sir Banister Fletcher's a History of Architecture	Banister Fletcher	Butterworth-Heinemann

Course Notes :

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Recommended books :

Kevin Espina "History of Architecture" Aug 2013

Periodicals :

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Web Sites :

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