

1- Course Data :

Course Code: AE 114	Course Title: History of architecture 1 تاريخ العمارة (١)	Academic Year / Level: 1 year	
Specialization:	Number of Instructional Units:		
Architecture Engineering	Lectures / Week	Tutorials	Practical:
	: 2 hours	2hours / Week	-
	Social and Human Sciences Basic Engineering Sciences		General Specialization Requirements

2- Course Objectives :

- Identifying the values, ideas and influences in the architecture of different ages before history.
- Studying the roots of architecture throughout history Pharaonic architecture, Greek and Roman architecture and the architecture of Western Asia through the method of building their architectural structures that express their beliefs.

3- Intended Learning Outcome :

After completing this course, the student should be able to:

- Understanding the philosophies and ideas that led to the engineering of ancient civilizations.
- Acquaintance with different architectural models in successive historical stages.
- Explains the construction methods and building materials used.
- Understand the history, place and factors affecting architecture in different times.
- Demonstrate the ability to solve design problems as expressed through the architecture of ancient civilizations.

4- Course Content :

Week 1-2	Historical development of the buildings that were established in the Pharaonic architecture
Week 3-4	The Greek and Roman architecture,
Week 5-6	The building of Western Asia as a reflection of the requirements of the social, political, religious and cultural life
Week 7-8	pyramids, temples and other buildings and the knowledge of the technology and building materials used therein while analyzing the architectural elements used (openings - stairs - ...).
Week 9	Midterm
Week 10-14	A review of selected examples of Pharaonic, Greco-Roman, and Western Asian architecture with an analysis of the influencing factors and the general characteristics of successive historical stages.
Week 15	Oral exam
	Final exam

5- Teaching and Learning Methods :

The course depends on

- Explanatory lectures
- The method of participatory education, self-education and field demotion if possible by giving students some research topics to be explored using the Internet and making a presentation.

6-Student Assessments :

<i>Used procedure</i>	<i>Weight</i>
a. Trainings / Projects/ Reports	15 %
b. Mid-Term Exam	15 %
c. Oral Exam	20 %
d. Final Exam	50 %
Total weight	

6- Exercises:

Applied to understanding the values of pharaonic architecture
 Application to the realization of the values of Greek and Roman architecture
 Application to the realization of the values of Western Asia architecture

7- hours of detailed student work:

Class work	4
home work	3
Total SWL	7

8- List of References:

- Fletcher, Sir Banister, "A History of Architecture in the Comparative Method", London, 2008.
- Banham, Reyner: Theory and Design in the First Machine Age, 6th printing) MIT Press, Cambridge, 1989.
- Crouch P., Dora: History of Architecture: Stonehenge to Skyscrapers, MacGraw-Hill, London, 1985.
- Gardner, Helen : Art through the ages : an Introduction to its history and significance, Harcourt, Brace & Company, New York, 1986