



**DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.**

Course Syllabus 2021/2022

1. Course number and name

AR 227 History of Architecture (2)

2. Credits and contact hours.

(3+0) 3 credit hours, 3 contact hours

3. Course type

Blended Learning Course (2+1)

4. Instructor's or course coordinator's name

Dr Duaa Al Maani + Architect Roa'a Zidan

5. Textbook information

Books (All books are available at ASU library, Books 2&4 are available for free on the web):

1. Reading Architecture: A Visual Lexicon By Owen Hopkins. 2nd Edition, 2013
2. Global History of Architecture By Ching, Jarzombek , and Prakash. 2nd edition.
3. Architecture: A Visual History By Jonathan Glancey
4. عبد الجواد توفيق أحمد, تاريخ العمارة : العصور المتوسطة و الأوروبية و الإسلامي.
5. A World History of Architecture By Michael Fazio, Marian Moffett, and Lawrence Wodehouse
6. Geometry & art. How mathematics transformed art during the Renaissance By David Wade.

Articles (All articles are available for free on the web):

7. Christianity, an introduction By Dr. Beth Harris, Dr. Nancy Ross And Dr. Steven Zucker
8. The lives of Christ and the Virgin in Byzantine art By Dr. Evan Freeman
9. History of Architecture By A. D. F. Hamlin (Professor of The History of Architecture in the School of Architecture, Columbia University)
10. A new pictorial language: the image in Early Medieval art. Article By Dr. Nancy Ross.
11. Architecture and liturgy. Article By Dr. Jennifer Awes Freeman
12. Early Christian art and architecture after Constantine . Essay by Dr. Allen Farber
13. Introduction to the Middle Ages. Article By Dr. Nancy Ross
14. The origins of Byzantine architecture. Article By Dr. Robert G. Ousterhout



**DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.**

15. Early Byzantine architecture after Constantine By Dr. Robert G. Ousterhout
16. Justinian Mosaic, San Vitale. Article by Khan Academy.

a. Other supplemental materials

Instructor's handouts + YouTube Channels Will be shared with students on Edugate.

6. Specific course information

a. Catalog description

- b.** The development of art and architecture through Early Christian era, Byzantine, Romanesque, Gothic and Renaissance. Comparative analysis of historical building types from Byzantine through classical revivalism in Europe and the United States. Relevant theories of architecture and arts

Prerequisites or co-requisites

Prerequisite: AR226 | History of Architecture (2)

c. The course is:

Required in the Architectural Engineering program.

7. Specific goals for the course

After completion of the course, students are expected to be able to exhibit:

1.2.1. Knowledge in architecture history and its theoretical philosophy, and its impact on the design of building.

1.2.2. Knowledge of science and engineering history, technology and construction, their spatial and social effect on architecture components in the built environment.

1.2.9. Knowledge of theories and technical experiments, and their impact on architecture.

1.2.10. Knowledge in the effect of arts on architectural design projects in terms of concept and presentation, and the ability to develop a thoughtful dimension in criticizing architectural design.



**DEPARTMENT OF ARCHITECTURE ENGINEERING
 ARCHITECTURE ENGINEERING PROGRAM, BSC.**

8. Learning Outcomes and their Alignment with Program Educational Objective (PEO's), Methods of Delivery, and Assessment Methods:

| Learning Outcomes | Program PEOs | Method of Delivery | Assessment Method |
|---|--------------|--|--|
| Knowledge in architecture history and its theoretical philosophy, and its impact on the design of building. | - | Lectures (f2f) + Videos (Synchronous & Asynchronous) + Drawings (Asynchronous) | Discussion Quiz (online game) Drawings |
| Knowledge of science and engineering history, technology and construction, their spatial and social effect on architecture components in the built environment. | - | Lectures + Videos (Synchronous & Asynchronous) + Field trips | Essays Exams |
| Knowledge of theories and technical experiments, and their impact on architecture | - | Lectures + Videos (Synchronous & Asynchronous) + Reading (Asynchronous) | Essays Quiz (online game) Exams |
| Knowledge in the effect of arts on architectural design projects in terms of concept and presentation, and the ability to develop a thoughtful dimension in criticizing architectural design. | - | Lectures + Videos (Synchronous & Asynchronous) + Reading (Asynchronous) | Exams Discussions |



**DEPARTMENT OF ARCHITECTURE ENGINEERING
 ARCHITECTURE ENGINEERING PROGRAM, BSC.**

9. Weekly Teaching Plan

| Week No. | Lecture | Topic | Method of Delivery |
|----------|-----------|---|---|
| 1 | Sun | Introduction: The fall of Rome and Rise of the Eastern Empire | Lecture+ Video |
| | Tues | | |
| | Thurs * | | |
| 2 | Sun | Early Christian Architecture: House church in the middle east (Dura Europos) | Lecture + Videos & discussion (Online asynchronous) |
| | Tues | | |
| | Thurs * | | |
| 3 | Sun | Early Christian & Byzantine architecture in Europe | + Model making (domes) |
| | Tues | | |
| | Thurs * | | |
| 4 | Sun | Medieval Europe: Romanesque (800-1100) | Field trip |
| | Tues | | |
| | Thurs * | | |
| 5 | Sun | Medieval Europe: Romanesque (800-1100) | Lecture + Videos & discussion (Online synchronous) |
| | Tues | | |
| | Thurs * * | | |
| 6 | Sun | Medieval Europe : Gothic (1150- 1469) | + Videos ((Online synchronous) |
| | Tues | | |
| | Thurs * | | |
| 7 | Sun | ASSIGNMENT (TBC) | |
| | Tues | Medieval Europe : Gothic (1150- 1469) | Lecture + Videos |
| | Thurs * | | |
| | | | |
| 8 | Sun | Eid al Fitr Holiday - estimated | |
| | Tues | | |
| | Thurs * | | |
| 9 | Sun | MIDTERM EXAM (TBC) | |
| | Tues | Renaissance Architecture | Lecture + Videos & discussion (Online asynchronous) |
| | Thurs * | | |
| | | | |
| 10 | Sun | Renaissance Architecture | Lecture + Videos & discussion (Online asynchronous) |
| | Tues | | |
| | Thurs * | | |
| 11 | Sun | Art and Architecture in the Renaissance | Lecture + Videos & drawings |
| | Tues | | |
| | Thurs * | | |
| 12 | Sun | Art and Architecture in the Renaissance Alberti, Raphael, Angelo and Brunelleschi | Lecture + Videos & drawings |
| | Tues | | |
| | Thurs * | | |



**DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.**

| | | | |
|----|---------|--|---|
| 13 | Sun | The Baroque and Rococo: Baroque (1600-1725) and Rococo: (1725-1775) | Lecture + Videos & discussion (Online asynchronous) |
| | Tues | | |
| | Thurs * | | |
| 14 | Sun | Classical revival | Discussion |
| | Tues | | |
| | Thurs * | | |
| 15 | Sun * | | |
| | Tues | | |

* Online lecture; synchronous teaching (tbc)

1. Grade Distribution:

| Assessment | Grade | Week No. |
|--|-------|-------------------------|
| - Mid Term Exam | 30% | 9 th |
| -Assignments (Quizzes/ Drawings / Model making/Essays) | 30% | 1-16 th Week |
| - Final Examination | 40% | 16 th Week |

Note: Make-up exams will be offered for valid reasons. It may be different from regular exams in content and format.