



**Philadelphia University
Faculty of Engineering
Department of Architecture
First semester, 2009/2010**

Course Syllabus

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|---|---|
| Course Title: History & Theory of Architecture-1 | Course code: 660241 |
| Course Level: Second | Course prerequisite (s) and/or corequisite (s): 660124 |
| Lecture Time: 12:00-13:00 | Credit hours: 3 |

Academic Staff Specifics

| Name | Rank | Office Number and Location | Office Hours | E-mail Address |
|-----------------------------|----------------------------|-----------------------------------|---------------------|---------------------------------------|
| Mohammed Abu Hussein | Assistant Professor | 6406 - 411 | 6 x week | abuhussein@philadelphia.edu.jo |

Course module description:

The course outline shall follow a chronological study of architecture as it develops over the following historical periods: the Stone Age (Paleolithic, Mesolithic and Neolithic periods), Mesopotamia, Ancient Egypt, Greece and Roman.

Course module objectives:

The main purpose of this course is to develop a working knowledge of the existing cultural heritage and to use historical periods to develop the students' analytical skills. To integrate architectural history with the students approach to design and to create an understanding of architecture as a physical response to human need at a philosophical and cultural value within that period, finally, to use history in an attempt to identify the universal principles of architecture.

Course/ module components:

- Theoretical lessons
- Study of texts references
- Drawing of elements of historical monuments
- Report on one argument choose in the program course

- **Books (title , author (s), publisher, year of publication)**
Attending lectures is important to the successful completion of this course, as you will be responsible for information discussed in class.
The students will be given a list of reading books (as seen at the end of the course syllabus).
- **Support material:**
slide show, CD's, data show DVD's, site visits
- **Homework and laboratory guide :**
students are requested to prepare a report on one argument choose by themselves, and to develop the drawing sheet.

Teaching methods:

Theoretical lessons with the support material.

Learning outcomes:

- Knowledge and understanding:
Students will be able to understand the evolution of the architecture through the history, and the different needs of architecture for each historical civilization.
- Cognitive skills (thinking and analysis):
Learn the principal characteristics of the historical civilizations to be able to use them in a modern interpretation.
- Communication skills (personal and academic):
Architectural students will be able to communicate, read, use historical resources to develop their cognitive senses in architecture and environment.
- Practical and subject specific skills (Transferable Skills):
The course will train architectural students to recognize the different kind of historical architecture.

Method of Evaluation:

Attendance is a must according to university regulations.

| <u>Allocation of Marks</u> | |
|------------------------------------|--------------|
| <i>Assessment Instruments</i> | <i>Marks</i> |
| Report (essay, assignment & album) | 20% |
| First & Second Exams | 40% |
| Final Exam | 40% |
| Total | 100% |

Course/module academic calendar

Sunday, Tuesday & Thursday (from 12.00 to 13.00)

| | <i>Course Program</i> | <i>Calendar</i> | <i>Exams</i> |
|---|-----------------------------|-------------------|-----------------|
| 1 | Pre-historical architecture | 08 Oct. - 16 Oct. | |
| 2 | Mesopotamian architecture | 19 Oct. - 30 Oct. | First 20 Marks |
| 3 | Egyptian architecture | 02 Nov. - 04 Dec. | |
| 4 | Greek architecture | 07 Dec. - 30 Dec. | Second 20 Marks |
| 5 | Report & Exercises | 04 January | 20 Marks |
| 6 | Roman architecture | 04 Jan. - 05 Feb. | Final 40 Marks |

Discussion Section Assignments

You will be required to complete an Essay and related assignment as a part of the discussion sessions in this course. More information regarding these assignments will be presented in the discussion sections during the lectures. Attendance and participation in discussion sessions are mandatory.

Attendance policy:

Absence from lectures and/or tutorials shall not exceed 15%. Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean of the relevant college/faculty shall not be allowed to take the final examination and shall receive a mark of zero for the course. If the excuse is approved by the Dean, the student shall be considered to have withdrawn from the course.

Module references:

- **Sir Banister Fletcher's** (1996) "A History of Architecture" Architectural Press-Oxford-Great Britain, edited by **John Musgrove**.
 - **Spiro Kostof** (1995) "A History of Architecture - Settings and Rituals" Oxford University Press, New York Oxford, USA.
 - McKenzie Judith Sheila,(1990) "The architecture of Petra". Oxford University Press, Great Britain.
- العمارة عبر التاريخ(1987)- د. عفيف بهنسي- طلاس للدراسات و النشر. دمشق.
- الطرز المعمارية و الفنون (1994)- د. محمد حماد- دار الكتب العلمية للنشر و التوزيع. القاهرة.