

Syllabus

Faculty **Architecture and Design**
Department Architectural Engineering
Semester Second
Academic Year 2019/2020

Course Name **Conservation of Architectural
Heritage**
Course Number **1101544**

1. Instructor Information

1. Lecturer Name: Shireen Alkhalidi
2. Office Number: B 330
3. Phone Number: +962 6 4790222
4. Email: salkhalidi@meu.edu.jo
5. Office Hours: Saturday:10:30-12:30

2. Course details

1. Meeting times: Mon/wed: 2-3:30
2. Location: B015

3. Sources and References:

Required Texts:

1. Feilden, Bernard M: Conservation of Historic Buildings. Reed Educational and Professional Publishing, 2003 3 Ed.
2. Orbasli, Aylin: Architectural conservation: Principals and Practice. Oxford:Blackwell Publishing, 2008.

4. Course Description:

This course aims at introducing the student to the field of documenting, preserving and rehabilitating heritage and historical works through the study of the main principles, theories and rules for architectural conservation, the most important methods of restoration, rehabilitation and reuse of buildings, with a review of the most prominent Arab and international experiences in this field.

5. Aims and Objectives:

1. To acquaint the student with the history and basic tenets of architectural conservation.
2. To make the student aware of the universality of the principles of architectural conservation and its purpose and goals as an ethic.
3. To investigate the various planning tools available for effective conservation.
4. To equip the students with the tools to be able to apply the principles and practices of architectural conservation.

6. Course Learning Outcomes:

Upon successful completion of this course, the learner should be able to:

1. **Define** the main concepts, theories and principals in architectural conservation.
2. **Utilize** the research techniques to document heritage buildings.
3. **Identify** the values necessary to assess heritage buildings and evaluate them.
4. **Explain** the different technical methods and materials used in the conservation process.
5. **Compare and analyze** international and local case studies based on the theories and principals learned to reach the best assessment based on values.

7. Program Learning Outcomes:

1. Implement concepts of architecture with high proficiency.
2. Keep pace with intellectual and practical developments to fulfill the varying needs of society.
3. Understand the importance of local heritage and preserve it.
4. Understand the diverse civilizations of the world and boost cultural exchange.
5. Apply innovation and critical thinking on various fields of Architecture.
6. Find creative and innovative solutions for various design dilemmas.
7. Use high skills in expressing and communication.
8. Continuously learn how to conduct research and apply it in professional practices.
9. Adhere to professional ethics and principles of practice.

8. Teaching Methods

The methods of instruction may include, but are not limited to:

1. Interactive theoretical lectures with slide shows,
2. Watching and discussing relevant Videos.
3. Having guest speakers explain local conservation issues.
4. Field trip to document a heritage building.

b.

	Assessment	Weight	Description
A	Midterm Exam + Final Exam	30% + 50%	- Closed questions - Short answers - Translation of technical terms
C	Essay	10%	5 page essay discussing a case study, based on value centered assessment.
D	Class participation	10%	-lecture notes - Attendance, punctuality, and conduct - Initiatives and self-motivated research - Participation in discussions
	Total	100%	

9. The Timetable for the Implementation of Course

Week No.	Topic	CLOs	POs
1	Introduction to Course Defining the meaning of Heritage and conservation.	1,3,4	1,2,3,4,9
2	History of conservation Venice Charter	1,3,4	1,2,3,4,9
3	Theories and principals of conservation Degree of intervention	1,3,4	1,2,3,4,9
4	Heritage Management Documentation methods	1,3,4	1,2,3,4,9
5	Evaluation and value centered assessment	1,3,4	1,2,3,4,9
6	Architectural inspection and reports.	1,3,4	1,2,3,4,9
7	Technical aspects: stability of ancient buildings, earthquakes and wall behavior	1,3,4	1,2,3,4,9
8	Technical aspects: doors and windows, vaults and domes	1,3,4	1,2,3,4,9
9	Lime mortars, cement mortars, repointing stone, repair of stone, cleaning masonry	1,3,4	1,2,3,4,9
10	Humidity , raising damp, insulation, condensation	1,3,4	1,2,3,4,9
11-13	International cases	2,5	8
14-15	Local cases	2,5	8

10. Course Policies

1. Attendance: Students are expected to attend all classes of this course (without exception). A prior approval is required for class absence except for emergencies. However, any student with 15% short attendance will be not be allowed to attend the final exam, and may better drop the course.
2. Delays: Students are not allowed to come late to class. Any student coming more than 5 minutes late will be marked absent. However, he/she may still be allowed to attend the class in spite of being marked absent if he/she wishes to do so, on the condition that the student does not make a habit of it, and that the number of tardy students is limited to a little number of very special cases.
3. Examinations: Failure in attending a course exam will result in a zero mark unless the student provides an excuse acceptable to the instructor, the Head of the Department, and the Dean who approves a re-sit exam. It is the student's responsibility to attend the exam at the correct time and place. The first and second exam papers will be returned to the students.

Re-sit Exams: The student will not be allowed to re-sit an exam unless he/she furnishes the institute with written evidence of the following cases: Sickness (by providing a medical report stamped by University physician within the time limit stated by the University), the death of a member of his/her family, an accident. In the case of natural disasters or severe conditions that affect all students in general (e.g. heavy snow storms) the situation shall be properly handled and announced by the administration.

4. Homework and Projects: Exercises will take place in the class room and will be continued at home.
5. Attending the Exams and Meeting the Deadlines:
In the event that a student shows up late for the 1st or 2nd exam, he/she will be permitted to attend the exam on the condition that none of his/her has already left the room; also he/she will not be allowed any extra time. In the event that a student is more than 30 minutes late for the final exam, he/she will not be permitted to attend the exam.
6. Cheating and Punishment: Cheating is an attempt to gain marks dishonestly and includes: Copying from another student's work, using materials not authorized by the institute or instructor, collaborating with another student during a test without permission, knowingly using, buying, selling, or stealing the contents of a test, getting help from outside during a test by using any kind of electronic device, etc.