

1	Course title	Conservation and Restoration of Archaeological Mosaic
2	Course number	
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	3
4	Prerequisites/corequisites	
5	Program title	BA in Cultural Resources Management and Conservation
6	Program code	02
7	Awarding institution	
8	School	School of Archaeology and Tourism
9	Department	Cultural Resources Management and Conservation
10	Level of course	4
11	Year of study and semester (s)	Second Semester 2017- 2018
12	Final Qualification	BA
13	Other department (s) involved in teaching the course	
14	Language of Instruction	Arabic
15	Date of production/revision	2015

16. Course Coordinator:

Dr.Mahmoud Arinat
Office numbers: 111
phone numbers: 25038
email addresses: arinatmahmoud74@gmail.com

17. Other instructors:

Dr.Mahmoud Arinat
Office numbers: 111
phone numbers: 25038
office hours: S,T,Th 12-13
email addresses: arinatmahmoud74@gmail.com

18. Course Description:

The course provides students with information about the different types of mosaic floors during the Roman, Byzantine and Umayyad period in Jordan. It also includes the equipment and materials which are used in the processes of mosaic production. In addition, the course consists of the various processes of mosaic treatment such as diagnosis, examination and planning.

19. Course aims and outcomes:

A- Aims:
<ol style="list-style-type: none"> 1. Know the types of ancient mosaic. 2. Familiar with the deterioration factors of ancient mosaic floors. 3. Know all the restoration processes of ancient mosaic floors
B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to
1- Know the basic principles of mosaic floors conservation.
2- Understand the ancient technologies used to produce mosaic floors.
3- Know the steps of conserving mosaic floors.
4- Identify the deterioration factors that affect the mosaic floors.
5- Ability to documenting the mosaic floors.
6- Determine all the mosaic conservation processes.

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Overview and course identification of course.	Week 1	Dr.Mahmoud Arinat		Lecture, discussion and videos	
History of mosaic.	Week 2		2	Lecture, discussion and videos	
Mosaic types.	Week 3		2	Lecture, discussion and videos	
Ancient technologies used in mosaic production.	Week 4		2	Lecture, discussion and videos	
Materials used in mosaic production.	Week 5		1+2	Lecture, discussion and videos	
Mosaic conservation terminology.	Week 6		1	Lecture, discussion and videos	
Deterioration factors and forms of mosaic floors.	Week 7		2	Lecture, discussion and videos	
. Mosaic conservation and restoration methods.	Week 8		1-3	Lecture, discussion and	

				videos	
Documentation.	Week 9		5	Lecture, discussion and videos	
Examination and diagnosis.	Week 10		3+4	Lecture, discussion and videos	
Cleaning and consolidation.	Week 11		4	Lecture, discussion and videos	
Protection	Week 12		1+3	Lecture, discussion and videos	
Maintenance and monitoring.	Week 13		6	Lecture, discussion and videos	
Detaching and lifting methods for mosaic floors.	Week 14		5+6	Lecture, discussion and videos	

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

Lectures and Discussions and Videos

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Exams and participation.

23. Course Policies:

All of the following policies and requirements will be followed in all potential cases according to the university regulations and procedures

24. Required equipment: (Facilities, Tools, Labs, Training....)

Laptop and data show

25. References:

- Bassier, C.M. 1977. Some problems in the conservation of mosaics, Translated from French by Alan Bonicatti, Mosaic No(1), Deterioration and Conservation, ICCROM, Rome, 67-77.
- Cobau, A. 1990. The Roman Forum. On-site Conservation of floor surfaces during excavation, Mosaic No(5), Conservation in Situ, ICCROM, Rome, Palencia, 129-137.
 - Nardi, R. 1994. Preventive Conservation of Mosaic at Archaeological Sites, In: Conservation, Protection, Presentation, Proceeding of the Fifth Conference of the (ICCM93), Conimbriga, 213-217.
 - Roby, T. 1994. Consolidation of a Floor Mosaic During Excavation of a Byzantine Church in Petra, Jordan, In: Conservation, Protection, Presentation, Proceeding of the Fifth Conference of the (ICCM93), Conimbriga, 31-36.
 - Sease, C. 1994. Conservation Manual for the Field Archaeologist, University of California, Los Angeles.

المراجع العربية:

- إيكروم، 1980، فسيفساء رقم (2)، الصيانة، إيكروم، قرطاج.
- عطية، أحمد. 2003. ترميم الفسيفساء الأثرية، دار الفجر، القاهرة.
- عليان، جمال. 2005. الحفاظ على التراث الثقافي: نحو مدرسة عربية للحفاظ على التراث الثقافي وإدارته، مطابع السياسة، الكويت.
- حسن، إبراهيم، ترميم وصيانة الآثار ومقتنيات المتاحف الفنية، عمادة شؤون المكتبات، جامعة الرياض.

26. Additional information:

Name of Course Coordinator: -----Signature: ----- Date: -----

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----