

1	Course title	Technical Skills in Restoration
2	Course number	2602463
3	Credit hours (theory, practical)	3 (2, 1)
	Contact hours (theory, practical)	3 (2, 1)
4	Prerequisites/corequisites	--
5	Program title	B A degree in Cultural Resources Management and Conservation
6	Program code	20
7	Awarding institution	The University of Jordan
8	School	School of Archaeology and Tourism
9	Department	Cultural Resources Management & Conservation
10	Level of course	4
11	Year of study and semester (s)	2018 – 2019 (1 st)
12	Final Qualification	BA
13	Other department (s) involved in teaching the course	--
14	Language of Instruction	Arabic and English
15	Date of production/revision	09/09/2018

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Dr Fatma Marii

Phone number: 25039

Email: F.Marii@ju.edu.jo

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Dr Fatma Marii

Phone number: 25039

Email: F.Marii@ju.edu.jo

18. Course Description:

As stated in the approved study plan.

The course trains students on the basic knowledge of various technical and manual skills related to conservation such as painting, drawing, decoration, sculpture and gesso works, which enable them to master the process of restoration and maintenance of archaeological materials. Also students are trained on the personal skills to produce some simple tools for the purpose of use in the restoration of archaeological materials.

19. Course aims and outcomes:**A- Aims:**

- 1) Training students on skills that help in archaeological and heritage artefacts conservation and restoration of process (documentation, cleaning, examination, joining, reconstruction, consolidation and non-intervention stabilization).
- 2) Training students on decision taking in different cases of conservation and restoration of archaeological and heritage artefacts.
- 3) Training students on self-skills development that will benefit for the conservation and restoration of artefacts.
- 4) Training students to develop net-working with the specialists in the conservation and restoration sectors using the social media and the websites for this.

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to

- 1) Distinguish the different process of conservation and restoration of archaeological and heritage artefacts (documentation, cleaning, examination, joining, reconstruction, consolidation and non-intervention stabilization).
- 2) Achievement the skill of decision making during the different process of conservation and restoration.
- 3) Achievement the self-skills and to develop them to facilitate the different processes of conservation and restoration.
- 4) Distinguish the communication with local, regional or international specialists and institutions in the sector of conservation and restoration.

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
The history of conservation & restoration of artefacts and the process of conservation	1	Dr Fatma Marii	Identify the basic process of conservation & restoration and how it was proceed.	Discussion during lecture times	See Reference s list
Skills in documentation: Photography	2	Dr Fatma Marii	Identify the basic of photography	Discussion during lecture times	
Skills in documentation: Sketches and accurate drawing	3	Dr Fatma Marii	Identify the basic of drawing of all types.	Discussion during lecture times	
Skills in documentation: writing reports and notes	4	Dr Fatma Marii	Identify writing the reports accurate	Discussion during lecture times	
Skills in examination the artefacts	5	Dr Fatma Marii	Distinguish the different tools and equipment for examination	Discussion during lecture times	

Skills in cleaning artefacts	6	Dr Fatma Marii	Distinguish the different types of cleaning for different deterioration.	Discussion during lecture times
Skills for dealing with chemical materials	7	Dr Fatma Marii	Identify reading MSDS for chemical materials	Discussion during lecture times
Skills in joining broken fragments	8	Dr Fatma Marii	Identify finding joins between broken fragments	Discussion during lecture times
Skills in gap-filling the missing fragments	9	Dr Fatma Marii	Identify the decisions for gap filling and their methods	Discussion during lecture times
Skills in active stabilization (coating, consolidation)	10	Dr Fatma Marii	Identify the different methods for active stabilization	Discussion during lecture times
Skills in passive stabilization (preventive conservation)	11	Dr Fatma Marii	Identify the basic for preventive conservation	Discussion during lecture times
The other sciences helping conservation & restoration sectors	12	Dr Fatma Marii	Distinguish the different subjects that help conservation & restoration	Discussion during lecture times
Skills in communications with different related networking	13	Dr Fatma Marii	Identify the local, regional and international institutions for conservation & restoration	Discussion during lecture times
Develop the self-skills	14	Dr Fatma Marii	Identify the SWOT analysis for the personal skills	Discussion during lecture times
Free topic	15	Dr Fatma Marii		Discussion during lecture times

21. Teaching Methods and Assignments:

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

- 1) Theoretical lectures with discussion during the lectures
- 2) Practical Training in the conservation and restoration laboratory
- 3) Students prepare reports for their practical training
- 4) Providing documentary films and field trips to museums concerning the metal conservation

22. Evaluation Methods and Course Requirements:

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

- 1) Students to be committed to attend the most of the theoretical and practical lectures
- 2) Students to participate with the discussion during lectures and practical training
- 3) Midterm and final exams
- 4) Reports or homework of practical training

23. Course Policies:**A- Attendance policies:**

Students cannot be absent more than 15% of the lectures during the course

B- Absences from exams and handing in assignments on time:

Students will be failed if they are absent from exam without any accepted excuse. If assignments are not handed on time, then less marks will be given to the students.

C- Health and safety procedures:

Health and safety procedures are explained clearly before any laboratory training

D- Honesty policy regarding cheating, plagiarism, misbehaviour:

All university regulations will be followed in these cases

E- Grading policy:

Midterm exam 20%, Participating in discussion 10%, Laboratory works and report 30%, Final exam 40%

F- Available university services that support achievement in the course:

University Library, The Archaeological Museum, The Heritage Museum

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

Smart-Board with PC, conservation and restoration laboratory, e-learning facilities.

25. References:**Required book (s), assigned reading and audio-visuals:****Recommended books, materials, and media:**

-Caple, C. 2000

Conservation Skills: Judgment, Method & Decision Making. Oxon: Routledge.

-Ward, Philip, 1986

The Nature of Conservation: A Race against Time. California: The Getty Conservation Institute.

<http://www.getty.edu/publications/virtuallibrary/0941103005.html>

26. Additional information:

Name of Course Coordinator: -----Dr Fatma Marii---Signature: ----- Date: -20/02/2019-

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

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

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

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