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Project Title: Modernization of Teaching Methodologies in Higher Education: Eu Experience For Jordan And Palestinian Territory

Project acronym: METHODS

Project Number: 561940-EPP-1-2015-1-JO-EPPKA2-CBHE-JP

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Start date of the project: 15/10/2015 **Duration:** 36 months

Deliverable title	Course Outline
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Organisation name(s)	AlZaytoonah University of Jordan (ZUJ)
WP Number	5
WP Leader	Birzeit University

Project co-ordinator name, title and organisation:

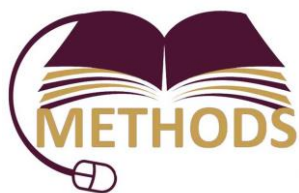
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AlZaytoonah University of Jordan (ZUJ)

Faculty of Engineering and Technology

Course title/code	History and theory of Architecture 1	0910211
Instructor /office	Loai Dabbour / 247	
Semester- Year	Fall - 2017/2018	
Compulsory/Elective	Compulsory	
Prerequisites		

Course Description	<p>The first in the history of architecture sequence that surveys the origins and development of architecture, artifacts and urbanism from prehistoric times to the end of the third century CE. Evolution of early architecture during prehistoric periods. Analysis of Ancient Architecture (Mesopotamian and Egyptian) in Ancient Middle East. Study of the civilizations and architecture of classical periods; Greek and Roman. Explaining the role of social life, religious, political and technological aspects in Architecture. Theoretical discussions upon the relevance and proper use of Ancient and Classical architecture in the design of buildings and sites today.</p>
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Generic Competences*	<p>Student performance Criterion addressed (list number and title based on NAAB criteria):</p> <p>A.1. Professional Communication Skills (ability)</p> <p>A.7. Historical and Global Culture (understanding)</p>
Specific Competences (SCs)	<ol style="list-style-type: none">1. To develop the students' curiosity, critical thinking and interest in the history of architecture2. To develop the students' awareness of the historical development of architecture in relation to aesthetic, political, social, and technological parameters3. Compare architectural styles to develop a clear understanding of the distinguishing characteristics of each style or period in terms of construction methods and building techniques4. To analyze the special structure of iconic buildings and structures which played an essential role in the development of architecture

- These competences related also to the project Methods

	Course Contents	SC1	SC2	SC3	SC4
1	The major periods and movements of architectural history in The Ancient World	x			
2	The expressions of type and typology in building formations	x			
3	Basic historical architectural formations within the Egyptian, Mesopotamian, Greek, and Roman Architecture		x		
4	Aesthetic and practical value of historical works in view of the natural and cultural contexts in which they were produced		x		
5	architecture is a reaction to the religion and sociological aspects of the cultural environment			x	
6	architectural vocabulary to evaluate and critique the art and architecture of the ancient world			x	
7	the science of geometry as a universal tool of design by analyzing major architectural buildings within the architecture of the ancient world				x
8	The composition of the works and their construction techniques and materials				x

Schedule				
Week	Subject	Activity Description *	Evaluation Criterion	
			Description	%
1	Introduction Prehistory			
2	Egyptian Architecture • Foundations			
3	Egyptian Architecture • Old kingdom	Inverted Classroom (quiz will be conducted at end of each topic)	quiz	5
4	Egyptian Architecture • Middle kingdom • New kingdom	Project 1 assignment		5
5	Egyptian Architecture • Report assessment on Egyptian geometry First exam	MOOC Egyptian geometry concepts video	First exam	20
6	Mesopotamian Architecture • Sumerian • Acadian	Inverted Classroom (quiz will be conducted at end of each topic)	quiz	5
7	Mesopotamian Architecture • Babylonian • Assyrian			

8	Greek Architecture Foundations			
9	Greek Architecture • Geometry	MOOC Greek geometry concepts video		
10	Greek Architecture Type and typology	Inverted Classroom (Post quizzes will be conducted at end of teaching the topic)	quiz	5
11	Greek Architecture • Report assessment on Greek geometry Second exam		Second exam	20
12	Roman Architecture • Foundations	Project 2 assignment		5
13	Roman Architecture • Geometry	MOOC Roman geometry concepts video		
14	Roman Architecture Type and typology			
15	Roman Architecture • Report assessment on Greek geometry	Inverted Classroom (Post quizzes will be conducted at end of teaching the topic)	quiz	5
16	Final project assessment	Students to present their Projects assignments		

* PBL, MOOC, Inverted Classroom should be introduced within activity description

Textbook and References	<p>Sir Banister Fletcher, Edited by: John Musgrove, <i>A history of Architecture</i>, , The university of London, 1987 Kostof, S., <i>A History of Architecture</i>. New York: Oxford University Press, 1985. Pevsner, N. <i>A History of Building Types</i>. Princeton: Princeton University Press, 1976 Janson, H.W., <i>History of Art.</i>, Thames and Hudson, NY, 1997 Honour, Hugh & Fleming, John, <i>A World History of Art.</i>, Laurence King Pub., 1999</p>	
Overall Assessment Criteria	Method	Weight [%]
	Attendance / participation	
	First Exam	20
	Second Exam	20
	Quizzes	10
	Project and Assignments	10
	Final Exam	40