

TISHK INTERNATIONAL UNIVERSITY FACULTY OF ENGINEERING Department of ARCHITECTURE, 2021-2022 Fall Course Information for ARCH 429 CONSERVATION & REHABILITATION					
Course Name:	CONSERVATION & REHABILITATION				
Code	Regular Semester	Theoretical	Practical	Credits	ECTS
ARCH 429	7	3	-	3	4
Name of Lecturer(s)- Academic Title:	Salem Mokhtar - Assistant Professor				
Teaching Assistant:	Ms. Parez				
Course Language:	ENGLISH				
Course Type:	Area Elective				
Office Hours	Tuesday 3pm-5pm				
Contact Email:	salem.mokhtar@tiu.edu.iq				
	Tel:07503633723				
Teacher's academic profile:	- PhD in Architecture, Newcastle University, UK. - M.sc in Engineering Management, Tripoli University, Libya - PG Certificate in Research Training, Newcastle University, UK. - B.SC Architecture& Urban planning, Tripoli University, Libya - Certificate in Historic Buildings Conservation from RIBA, Birmingham, UK				
Course Objectives:	The course provide students with knowledge about # The nature of historic buildings # The principles and regulations of architectural conservation. # The key processes in Architectural conservation. # strategies and approaches of architectural Conservation				
Course Description (Course overview):	-				
COURSE CONTENT					
Week	Hour	Date	Topic		
1	3	4-7/10/2021	Introduction: General information about the course		
2	3	10-14/10/2021	The nature of historic buildings.		
3	3	17-21/10/2021	Historic Buildings' Values		
4	3	24-28/10/2021	Threats to Historic Buildings		
5	3	31/10-4/11/2021	Principles of Architectural Conservation		
6	3	7-11/11/2021	Key processes in architectural conservation		
7	3	14-18/11/2021	Midterm Exam		
8	3	21-25/11/2021	Approaches of intervention : 1- Preservation		
9	3	28/11-2/12/2021	Approaches of intervention : 2- Rehabilitation		
10	3	5-9/12/2021	Approaches of intervention : 3- Restoration		
11	3	12-16/12/2021	Approaches of intervention : 4- Reconstruction		
12	3	19-23/12/2021	Historic Buildings conservation Contract management and Supervision of operational processes		
13	3	26-30/12/2021	introduction into Urban Conservation		
14	3	2-5/1/2022	presentations of students reports		
15	3	9-13/1/2022	Final Exam		
16	3	16-20/1/2022	Final Exam		
COURSE/STUDENT LEARNING OUTCOMES					
1	Students will be able to identify Historic buildings, values they have and the threats to them,				
2	Students will be able to apply the key processes in architectural conservation				
3	Students will know the approaches and strategies of conservation				
4	Students will be able to comply with the regulations and principles of architectural conservation				
5	Students will have some knowledge about urban conservation				
COURSE'S CONTRIBUTION TO PROGRAM OUTCOMES (Blank : no contribution, I: Introduction, P: Proficient, A: Advanced)					
Program Learning Outcomes					
1	Apply problem-solving skills in the architectural context.				Cont.
2	Demonstrate knowledge of architectural history, theory, and practice in solving architectural design problems.				I
3	Utilize freehand drawing, architectural graphics, and model building skills in solving architectural design problems.				I
4	Utilize the computer as a tool in a wide range of documentation and presentation applications, using CAD, 3-D visualization and rendering, electronic image composition and editing software.				I
5	Apply knowledge of mathematics, science, engineering and technology in solving architectural design problems.				I
6	Develop designs that meet desired needs within realistic economic, social, political, and cultural constraints.				I
7	Develop designs that fulfill the environmental, health & safety, and sustainability considerations.				I
8	Demonstrate team-working skills and show the ability to work collaboratively with various design teams involved in the building industry, and collaborate and negotiate with clients.				I
9	Demonstrate the necessary knowledge for applying laws, codes, regulations, standards and practices in relation to building construction systems.				P
10	Show their ideas through high quality drawing skills and artistic sense.				P
11	Utilize their skills to address professional and ethical responsibilities, diversity and commitment to the work field.				P
12	Suggest solutions and techniques for engaging in life-long learning and knowledge about contemporary issues.				P
Prerequisites (Course Reading List and References):	"Conservation of Historic Buildings" , Third Edition , 2003 , Bernard Feilden , Architectural Press , 403 pages .				
Student's obligation (Special Requirements):	To attend Lectures, take quizzes, and prepare high quality report.				
Course Book/Textbook:	Feilden, B. (2004) Conservation of Historic Buildings. London: Architectural Press.				
Other Course Materials/References:	-Brereton, C. (ed.) (1991) the repair of historic buildings: advice on principles and methods. London: English heritage. -BS7913 (1998) guide to the principles of the conservation of historic buildings. - ICOMOS, A. (1999) 'the Burra Charter for the Conservation of Places of Cultural Significance'. Australia. Available at: http://australia.icomos.org/ .				
Teaching Methods	Lectures, Presentation, Assignments, , ,				

(Forms of Teaching):

COURSE EVALUATION CRITERIA

Method	Quantity	Percentage (%)
Participation	1	5
Quiz	10	1
Midterm Exam	1	20
Presentation	1	10
Term Paper	1	15
Final Exam	1	40
Total		100

Examinations: True-False, Fill in the Blanks, Multiple Choices, Short Answers, , ,**Extra Notes:**

ECTS (ALLOCATED BASED ON STUDENT) WORKLOAD

Activities	Quantity	Workload Hours for 1 quantity*	Total Workload
Theoretical Hours	16	3	48
Practical Hours	16	0	0
Final Exam	1	7	7
Participation	1	1	1
Quiz	10	1	10
Midterm Exam	1	6	6
Presentation	1	13	13
Term Paper	1	15	15
Total Workload			100
ECTS Credit (Total workload/25)			4

Peer review

Signature:

Name:

Lecturer

Signature:

Name:

Head of Department

Signature:

Name:

Dean