

Course Code:	ARCH368
Course Name:	CONSERVATION & RESTORATION
Credit / ECTS:	2 Credit/ 5 ECTS
Catalogue Description:	This course introduces meaning and significance of cultural heritage, conservation, restoration, rehabilitation, renovation and adaptive re-use. Besides, it introduces the principles of conservation and restoration as well as intervention types. The course also identifies international organisations which deal with the preservation of cultural property. It discusses the international and national legislations and administrations related to conservation and restoration of cultural heritage. Students are expected to reflect their raised awareness and gathered knowledge in their assignments, term project and examinations.
Course Objectives:	The objective of the course is to give the students an understanding of the importance of conservation of heritage buildings. The course also aims to introduce students a better understanding of architectural heritage, principles that should be applied in restoration projects. The focus of the course includes scientific and updated approach to the restoration methodology, history of the restoration theory and contemporary conservation approach.
Learning Outcome (s):	<ol style="list-style-type: none"> 1- To understand the significance of cultural heritage 2- To learn the principles and methods of conservation and restoration 3- To gain the ability to produce measured drawing and restitution project after surveying a heritage building 4- To prepare a restoration project for a selected heritage building
Weekly Topics	<ol style="list-style-type: none"> 1- Introduction of the key terminology (cultural heritage, conservation, restoration, rehabilitation, renovation) and different cultural heritage forms. 2- Significance of cultural heritage-historic buildings/sites; tangible and intangible heritage 3- History of conservation and restoration 4- Definitions of value of monuments, values based approach, significance of authenticity and integrity 5- International and national legislations, charters. 6- International organizations for protecting cultural property. 7- Causes of physical decay and deteriorations, Damage analysis-Decay of materials, Repair techniques. Preventions and actions for protection, repair techniques 8- Building visit. Measured drawings of the selected cultural heritage building 9- Development of restoration project (individual critics). Adaptive re-use, conversion methodology and case studies 10- Conservation of historic sites and urban areas, rehabilitation and renovation (submission) 11- Development of Adaptive re-use ideas (individual critics)