

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
BUILDING SURVEY MEASUREMENT and RESTORATION	MIM3257910	Spring Semester	2+3	3,5	5
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Required				
Course Coordinator	Assoc.Prof. Gülhan BENLİ				
Name of Lecturer(s)	Assoc.Prof. Gülhan BENLİ, Lect. Rabiya Yeşim YÜKSEL, Lect. Erden SEYMAN, Lect. Hande ERDOĞAN BEYGİRCİ				
Assistant(s)					
Aim	Historical analysis, damage detection analysis, material analysis and Restoration using the traditional and / or advanced documentation techniques of the historical building groups, which are accepted as "immovable cultural assets" within the framework of the applicable Cultural and Natural Assets Protection Laws in our country and need restoration intervention methods and techniques) Preparation of the project				
Course Content	This course contains; Building survey with using conventional and / or advanced documentation techniques,Explanation of advanced documentation methods and techniques,Making spatial and structural analyzes in historical buildings,Drawing of survey drawing, measurement and measurement techniques,Materials used in historic buildings,Examination of structural elements in traditional structures, analysis of structure system,Midterm exam,Describing the principles of drawing in survey drawings,Disruptions related to usage in historical structures, resolution of illegal attachments,Examples of physical, biological and chemical degradation in historical buildings,Explaining the principles of protection, restoration and restoration within the framework of laws and regulations on protection of cultural and natural assets,Simple restoration principles and methods in the restoration of historical buildings,Basic restoration principles and methods in the restoration of historical buildings,Emergency intervention methods in historic buildings.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Learn how to survey and draw of a historical building by using traditional and / or advanced documentation techniques.			12, 13, 14, 2, 9	E, F, H	
Learn how to prepare spatial and structural analyzes of historical buildings			12, 13, 14, 2, 9	E, F, H	
Learn to do damage analysis in historical buildings			12, 13, 14, 2, 9	E, F, H	
Learn the restoration methods			12, 13, 14, 2, 9	E, F, H	
Teaching Methods	12: Problem Solving Method, 13: Case Study Method, 14: Self Study Method, 2: Project Based Learning Model, 9: Lecture Method				
Assessment Methods	E: Homework, F: Project Task, H: Performance Task				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Building survey with using conventional and / or advanced documentation techniques				
2	Explanation of advanced documentation methods and techniques				
3	Making spatial and structural analyzes in historical buildings				
4	Drawing of survey drawing, measurement and measurement techniques				
5	Materials used in historic buildings				
6	Examination of structural elements in traditional structures, analysis of structure system				
7	Midterm exam				
8	Describing the principles of drawing in survey drawings				
9	Disruptions related to usage in historical structures, resolution of illegal attachments				
10	Examples of physical, biological and chemical degradation in historical buildings				
11	Explaining the principles of protection, restoration and restoration within the framework of laws and regulations on protection of cultural and natural assets				
12	Simple restoration principles and methods in the restoration of historical buildings				
13	Basic restoration principles and methods in the restoration of historical buildings				
14	Emergency intervention methods in historic buildings				
Evaluation Methods		Weight(%)			
Midterm Exam		50			
General Exam		50			

Resources	
To be distributed by the lecturer1. Sönmez N. (1997). Osmanlı Dönemi Yapı ve Malzeme Terimleri Sözlüğü, YEM, İstanbul.	
2. Tayla H. (2007). Geleneksel Türk Mimarisinde Yapı Sistem ve Elemanları, TAÇ Vakfı, İstanbul.	
3. Uluengin B. (2010). Osmanlı Anıt Mimarisinde Klasik yapı Detayları, YEM, İstanbul.	
4. Binan M. (1980). Doğramalar-Ahşap Pencere, Birsal yay., İstanbul	
5. Binan M. (1985). Ahşap Çatılar, Birsal yay., İstanbul.	
6. Melek A., Binan M. (2000). Ahşap Kapılar ve Metal Tamamlayıcı Elemanlar, YEM, İstanbul.	