

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
BUILDING SURVEY MEASUREMENT and REFUNCTIONING	ICT3258930	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)	Assist.Prof. Gözde ÇELİK, Assoc.Prof. Gülhan BENLİ, Lect. Rabiya Yeşim YÜKSEL, Lect. Hande ERDOĞAN BEYGİRCİ, Lect. Erden SEYMAN, Lect. Ülkü DEMİR				
Assistant(s)					
Aim	Preparing of a re-enactment project with a function that will not cause destruction of historical buildings and historical buildings by using traditional and / or advanced documentation techniques of historical building groups, which are considered as "immovable cultural assets" within the framework of the applicable Cultural and Natural Property Protection Laws in our country and needing restoration				
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 historical structure interior, examination of building elements, analysis of structure system,Drawing principles in surveying projects,Describing the principles of drawing in survey drawings,Types of deterioration in historical interior spaces, causes, problems arising in the space organization,types and scope of functions that can be suggested in the re-functioning of historical structures,type, form and details of materials that can be used in reused historical buildings,Simple repair principles and methods in the re-functioning of historical structures,Interior space analysis in historical building(lightning),Interior space analysis in historical building(acoustic).				
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	
Prepare spatial and structural analyzes of historical buildings		12, 13, 14, 2, 9		E, F, H	
Do damage analysis in historical buildings		12, 13, 14, 2, 9		E, F, H	
Improve the criterias and methods of Refunctioning		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 historical structure interior, examination of building elements, analysis of structure system				
7	Drawing principles in surveying projects				
8	Describing the principles of drawing in survey drawings				
9	Types of deterioration in historical interior spaces, causes, problems arising in the space organization				
10	types and scope of functions that can be suggested in the re-functioning of historical structures				
11	type, form and details of materials that can be used in reused historical buildings				
12	Simple repair principles and methods in the re-functioning of historical structures				
13	Interior space analysis in historical building(lightning)				
14	Interior space analysis in historical building(acoustic)				
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.