

Vocational School / Architectural Restoration
2024 - 2025 Academic Year
ARCHITECTURAL SURVEYING II
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
ARCHITECTURAL SURVEYING II	MRS1261080	Spring Semester	2+2	3	6
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Assist.Prof. Hande YILMAZ				
Name of Lecturer(s)	Lect. Özlem REİSOĞLU UÇARKUŞ				
Assistant(s)	Öğr.Gör. Esra Yavuz				
Aim	Preparation of inventory based on the standard of K.T.V.K.G.M. of Ministry of Culture. Surveying building using different measuring techniques determination of structural damage and teaching the preparing searching				
Course Content	This course contains; Explaining the scope of Surveying course, immovable cultural property, discussion of definitions and concepts of site area, architectural heritage inventory, Techniques and teaching methods for the preparation of the inventory sheet. Explaining the systematic creation legend. Sit bordered tear island, detailing the plot and map data, identification of work sites of the historic peninsula of Istanbul, defining study area boundaries on the map., The course will be carried out in field inventory work to be done., Preparation of the analysis sheet for the inventory work, Presentation and consignment of inventory sheets and research papers prepared at field, Explanation of Surveying measurement techniques (classical survey / photogrammetric survey / 3D laser techniques), Surveying with the tools such as nivo, steel tape measure, spirit level etc., drawing the sketches of working area, and photographing the area, Working in the area for surveying (according to the plan drawings), Working in the area for surveying (according to the plan drawings), Teaching the measurement technique from photograph, improving and development the drawings of building measured (drawing of sections and elevations), Determination of the destruction of building, preparing the legend, improving and development the drawings of building measured (plan, section, elevation), Determination of the destruction of building, preparing the legend, improving and development the drawings of building measured (plan, section, elevation), 1. consignment (research files, photo album, survey analysis report, 1/50 scale survey, analytical survey), Improving and development the drawings of building measured, Preparing detail drawings of 1/10, 1/5 and 1/2 scale , Improving and development the drawings of building measured.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Prepare of inventory based on the standard of K.T.V.K.G.M. of Ministry of Culture. Gain the historic environment awareness Learn to read scaled maps of site areas.			14, 2, 5, 8, 9	A, E, F	
Inventory patterns that define immovable cultural assets are prepared in the framework of standarts.			14, 5, 8, 9	A, F	
Tarihi çevre bilincinin kazanılması için yapılması gerekenleri formüle eder.			16, 5, 6, 9	A, E	
Understands research, analysis and survey techniques related to restoration and conservation.			16, 9	A, E, F	
Teaching Methods	14: Self Study Method, 16: Question - Answer Technique, 2: Project Based Learning Model, 5: Cooperative Learning, 6: Experiential Learning, 8: Flipped Classroom Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam, E: Homework, F: Project Task				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Explaining the scope of Surveying course, immovable cultural property, discussion of definitions and concepts of site area, architectural heritage inventory.				
2	Techniques and teaching methods for the preparation of the inventory sheet. Explaining the systematic creation legend. Sit bordered tear island, detailing the plot and map data, identification of work sites of the historic peninsula of Istanbul, defining study area boundaries on the map.				
3	The course will be carried out in field inventory work to be done.				
4	Preparation of the analysis sheet for the inventory work				
5	Presentation and consignment of inventory sheets and research papers prepared at field				
6	Explanation of Surveying measurement techniques (classical survey / photogrammetric survey / 3D laser techniques)				
7	Surveying with the tools such as nivo, steel tape measure, spirit level etc., drawing the sketches of working area, and photographing the area				
8	Working in the area for surveying (according to the plan drawings)				
9	Working in the area for surveying (according to the plan drawings).				
10	Teaching the measurement technique from photograph, improving and development the drawings of building measured (drawing of sections and elevations)				
11	Determination of the destruction of building, preparing the legend, improving and development the drawings of building measured (plan, section, elevation)				
12	Determination of the destruction of building, preparing the legend, improving and development the drawings of building measured (plan, section, elevation)				
13	1. consignment (research files, photo album, survey analysis report, 1/50 scale survey, analytical survey)				
14	Improving and development the drawings of building measured				
15	Preparing detail drawings of 1/10, 1/5 and 1/2 scale , Improving and development the drawings of building measured				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

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Resources

Provided by instructor.Madran, E, Özgönül, N. 2007; Taşınmaz Kültür Mirasın Korunması; İlkeler, mevzuat, yöntem ve uygulamalar. Mimarlar Odası Sürekli Mesleki Gelişim Merkezi Yayınları. İstanbul. Binan, Can. 1996; Mimari Koruma Alanında Venedik Tüzüğü'nden Günümüze Düşünsel Gelişimin Uluslararası Evrim Süreci, Yıldız Teknik Üniversitesi Mimarlık Fakültesi Yayını, İstanbul. Glover, P. 1999; Building Surveys, Architectural Press. Kuban, D. 2000; Tarihi Çevre Korumanın Mimarlık Boyutu; Kuram ve Uygulama, Yapı-endüstri merkezi yayınları, İstanbul. ICOMOS, 1999; Guide to Recording Historic Buildings, Architectural Press. Taşınmaz Kültür ve Tabiat Varlıkları Mevzuatı, T.C. Kültür Bakanlığı, Kültür ve Tabiat Varlıklarını Koruma Genel Müdürlüğü, 1996;Yayın no: 1806, Ankara. Uluengin, B., 2002; Rölöve, İstanbul, Yem Yayınevi. Uluengin, F., ULUENGİN B., ULUENGİN B., 2001; Osmanlı Anıt Mimarisinde Klasik Yapı Detayları, İstanbul, Yem Yayınevi. Şahinler, O., Kızıl, F., Mimarlıkta Teknik Resim. İzgi, U. Pencereler. Binan, M., Kapılar. Binan, M., Kapılar. Ahunbay, Z., 1996; Tarihi Çevre Koruma ve Restorasyon, YEM Yayın, İstanbul. Akozan, F., 1997; Türkiye'de Tarihi Anıtları Koruma Teşkilatı ve Kanunlar, Devlet Güzel Sanatlar Akademisi Yayını, No: 47, İstanbul.