

**Vocational School / Architectural Restoration**  
**2024 - 2025 Academic Year**  
**3D DOCU. TECHNIQUES and ARCHITECTURAL SURVEY II**  
**Syllabus**

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
3D DOCU. TECHNIQUES and ARCHITECTURAL SURVEY II	MRS2261070	Spring Semester	1+1	1,5	5
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Short Cycle (Associate's Degree)				
<b>Course Type</b>	Elective				
<b>Course Coordinator</b>	Assist.Prof. Hande YILMAZ				
<b>Name of Lecturer(s)</b>	Assist.Prof. Hande YILMAZ				
<b>Assistant(s)</b>					
<b>Aim</b>	To gain the ability to prepare drawings (Surveys) prepared to describe the current situation of a building or group of buildings among our cultural assets that need to be protected in certain scales for 3D and 2D documentation in accordance with regulations and standards. For this purpose, drawing following Advanced Documentation Techniques (3D documentation, 3D laser scanner device usage knowledge and experience) and photography, documenting the building or group of buildings by carrying out historical research, drawing plans, sections, views and details.				
<b>Course Content</b>	This course contains; Introduction of the course, determination of course content. Definition and history of surveying, Advanced Documentation Techniques for survey preparation (3D documentation, use of 3D laser scanner device), introduction of the equipment to be used in surveying by traditional method.,Determination of project working groups and field trip.,Presentation of historical research on the building to be surveyed and its location. Introducing the 3D Documentation Laser Scanning device.,Survey work,Survey work,Survey work,Survey work,Survey work,Survey work,Survey work,Survey work,Survey work,General exam.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
Drawing plans, sections, views, details and preparing reports for the documentation of the building or building group whose survey has been taken.					
Applies measurement techniques using traditional, electronic and optical instruments in measurement.					
It converts the measurements taken into scale drawings in the form of plans, sections and views.			11, 14, 9	F	
<b>Teaching Methods</b>	11: Demonstration Method, 14: Self Study Method, 9: Lecture Method				
<b>Assessment Methods</b>	F: Project Task				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Introduction of the course, determination of course content. Definition and history of surveying, Advanced Documentation Techniques for survey preparation (3D documentation, use of 3D laser scanner device), introduction of the equipment to be used in surveying by traditional method.				
2	Determination of project working groups and field trip.				
3	Presentation of historical research on the building to be surveyed and its location. Introducing the 3D Documentation Laser Scanning device.				
4	Survey work				
5	Survey work				
6	Survey work				
7	Survey work				
8	Survey work				
9	Survey work				
10	Survey work				
11	Survey work				
12	Survey work				
13	Survey work				
14	General exam				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

Resources