

School of Fine Arts Design and Architecture / Architecture (English)

2023 - 2024 Academic Year

DRAW. STANDARTS and TECH. SPEC. in CONST. PROJ.

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
DRAW. STANDARTS and TECH. SPEC. in CONST. PROJ.	ARC4115259	Fall Semester	2+0	2	4
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	English				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Elective				
Course Coordinator	Assist.Prof. Mustafa ERDEM				
Name of Lecturer(s)	Assoc.Prof. Fatma Pinar ÇAKMAK				
Assistant(s)					
Aim	To introduce graphical and written documents created to ensure communication between participants in the design process of construction projects and contract administration during the construction process; To introduce the standard formats used to classify various information in construction projects, to explain the standards and technical specifications for architectural drawings; To carry out research and implementation studies in order to ensure coordination regarding construction documents.				
Course Content	This course contains; Construction projects process and key participants, Documents produced during the construction projects process, Tender and contract documents during construction projects, Standard formats in construction projects, Drawings in construction projects, Çizim ve sunuş standartları, Layers in drawings, sheet organization, drawing rules, Technical specifications in construction projects, Technical specification types, Technical specification preparation methods, Technical specification formats, Technical specification application studies, Technical specification application studies, Coordinating documents in construction projects.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
1. Understands the document systematics used in the construction projects process. 2. Recognize the international classification systems used in the construction projects process. 3. Understands architectural drawing standards. 4. Can prepare a technical specification in short format.				A, E	
Teaching Methods					
Assessment Methods			A: Traditional Written Exam, E: Homework		
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Construction projects process and key participants				
2	Documents produced during the construction projects process				
3	Tender and contract documents during construction projects				
4	Standard formats in construction projects				
5	Drawings in construction projects				
6	Çizim ve sunuş standartları				
7	Layers in drawings, sheet organization, drawing rules				
8	Technical specifications in construction projects				
9	Technical specification types				
10	Technical specification preparation methods				
11	Technical specification formats				
12	Technical specification application studies				
13	Technical specification application studies				
14	Coordinating documents in construction projects				
Evaluation Methods		Weight(%)			
Midterm Exam		50			
General Exam		50			

Resources
The Construction Specification Institute, 2011: The CSI Project Delivery Practice Guide, John Wiley & Sons, Inc., New Jersey, ABD. The Construction Specification Institute, 2011: The CSI Specifications Practice Guide, John Wiley & Sons, Inc., New Jersey, ABD. TMMOB Mimarlar Odası Mimari Proje Çizim ve Sunuş Standartları.