

School of Fine Arts Design and Architecture / Architecture

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.	MIM4215214	Spring Semester	2+0	2	4
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Elective				
Course Coordinator	Assist.Prof. Mustafa ERDEM				
Name of Lecturer(s)					
Assistant(s)					
Aim	To introduce to design professionals the graphical and written documents created to ensure the communication between the participants in the design process of construction projects and the contract administration during the construction process; to introduce standard formats used to classify a variety of information in the construction projects; to explain the architectural drawing standards and technical specifications, the most important parts of construction documents; to conduct research and practical studies in order to ensure coordination between construction documents.				
Course Content	This course contains; Construction Project Process and Key Participants ,Documents Produced during Construction Project Process,Bid and Contract Document in Construction Project Process,Standart Formats in Construction Projects,Drawings in Construction Projects,Layers in Architectural Drawings, Sheet Organization, Drafting Conventions,Mid-term Exam,Technical Specifications in Construction Projects,Types of Technical Specifications,Methods of Specifying ,Technical Specification Formats,Practical Studies on Technical Specifications,Practical Studies on Technical Specifications,Coordination of Documents in Construction Projects .				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Construction Project Process and Key Participants, Documents Produced during Construction Project Process, Bid and Contract Document in Construction Project Process, Standart Formats in Construction Projects, Drawings in Construction Projects, Layers in Architectural Drawings, Sheet Organization, Drafting Conventions, Mid-term Exam, Technical Specifications in Construction Projects, Types of Technical Specifications, Methods of Specifying, Technical Specification Formats, Practical Studies on Technical Specifications, Practical Studies on Technical Specifications, Coordination of Documents in Construction Projects			13, 4, 9	A, E	
Teaching Methods	13: Case Study Method, 4: Inquiry-Based Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam, E: Homework				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Construction Project Process and Key Participants				
2	Documents Produced during Construction Project Process				
3	Bid and Contract Document in Construction Project Process				
4	Standart Formats in Construction Projects				
5	Drawings in Construction Projects				
6	Layers in Architectural Drawings, Sheet Organization, Drafting Conventions				
7	Mid-term Exam				
8	Technical Specifications in Construction Projects				
9	Types of Technical Specifications				
10	Methods of Specifying				
11	Technical Specification Formats				
12	Practical Studies on Technical Specifications				
13	Practical Studies on Technical Specifications				
14	Coordination of 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.