

School of Fine Arts Design and Architecture / Architecture
2023 - 2024 Academic Year
BUILDING TECHNOLOGY III
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
BUILDING TECHNOLOGY III	MIM3157920	Fall Semester	2+2	3	4
Prerequisites Courses	YAPIM TEKNOLOJİSİ II				
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Required				
Course Coordinator	Assist.Prof. Pelin KARAÇAR				
Name of Lecturer(s)	Assist.Prof. Kevser COŞKUN, Lect. Semih AKŞEKER, Lect.Dr. Fadime YALÇINKAYA ÇALIŞKAN				
Assistant(s)					
Aim	It is aimed to investigate the relations between these buildings and each other and the other building structures by introducing the students to the traditional and latest technology systems of ceiling, wall and floor elements forming the interior of the room with these structural windows, doors and modular systems.				
Course Content	This course contains; Course definition and giving preliminary information,Introduction to door window and modular construction elements,Windows, types and sample applications,Doors, types and sample applications,Interior modular systems and applications,Interior modular systems and applications,Midterm exam,Interior flooring systems, types and substructures,Interior wall systems, types and substructures,Interior ceiling systems, types and substructures,Detailed construction project,Detailed construction project,Detailed construction project.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Develops and proposes a system for the details of joining of all the building elements that make up the interior space. Has knowledge about building components and subsystems which constitute internal space and environment. Has knowledge about fine structural elements and details such as doors, windows and modular systems.			10, 12, 14, 18, 19, 37, 9	E, F	
Teaching Methods	10: Discussion Method, 12: Problem Solving Method, 14: Self Study Method, 18: Micro Teaching Technique, 19: Brainstorming Technique, 37: Computer-Internet Supported Instruction, 9: Lecture Method				
Assessment Methods	E: Homework, F: Project Task				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Course definition and giving preliminary information				
2	Introduction to door window and modular construction elements				
3	Windows, types and sample applications				
4	Doors, types and sample applications				
5	Interior modular systems and applications				
6	Interior modular systems and applications				
7	Midterm exam				
8	Interior flooring systems, types and substructures				
9	Interior wall systems, types and substructures				
10	Interior ceiling systems, types and substructures				
11	Detailed construction project				
12	Detailed construction project				
13	Detailed construction project				
14	Detailed construction project				
Evaluation Methods		Weight(%)			
Midterm Exam		50			
General Exam		50			

Resources
To be distributed by the lecturerDetail Series Interior + Architecture, Archiworld Co., Ltd. ;Binggeli, C., 2014. Materials and Interior Environments, John Wiley and Sons, Inc., Canada. ;Francis D.K.CHING , Çizimlerle Bina Yapım Rehberi, Cassandra ADAMS