

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

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
BUILDING TECHNOLOGY III	ARC3159350	Fall Semester	2+2	3	4
<b>Prerequisites Courses</b>	YAPIM TEKNOLOJİSİ II				
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	English				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Assist.Prof. Pelin KARAÇAR				
<b>Name of Lecturer(s)</b>	Assoc.Prof. Aysun Ferrah GÜNER, Assist.Prof. Gizem CAN, Lect. Mert DURMAZ, Lect. Ayşen GÜMRÜKÇÜ ÇETİNER, Assist.Prof. Orhan ÇELİKTÜRK				
<b>Assistant(s)</b>					
<b>Aim</b>	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.				
<b>Course Content</b>	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.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
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, 18, 19, 37, 9	E, F	
<b>Teaching Methods</b>	10: Discussion Method, 12: Problem Solving Method, 18: Micro Teaching Technique, 19: Brainstorming Technique, 37: Computer-Internet Supported Instruction, 9: Lecture Method				
<b>Assessment Methods</b>	E: Homework, F: Project Task				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
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				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
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