



COURSE INFORMATION FORM

Course Name	Course Code
ARCHITECTURAL KNOWLEDGE	151412215

Semester	Number of Course Hours per Week		ECTS
	Theory	Practice	
2	2	0	3

Course Category (Credit)				
Basic Sciences	Engineering Sciences	Design	General Education	Social
1	2			

Course Language	Course Level	Course Type
Turkish	Undergraduate	Elective

Prerequisite(s) if any	-
Objectives of the Course	To give necessary information about architectural terms and architectural project and to understand architectural project.
Short Course Content	Civil engineering and architectural, architectural project proses and their features, floor plans, drawings architectural elements and making dimension in plan, section drawings, appearance drawings, detail projects, tender file, residential buildings, orientation, types of residential buildings.

Learning Outcomes of the Course	Contributed PO(s)	Teaching Methods *	Measuring Methods **
1 To know architectural terms.	3	1, 6	A
2 To know relation between civil engineering and architecture and interpretation of problems.	3, 9	1, 6	A
3 To know architectural plan process and program details for a building.	3, 9	1, 6	A
4 To be able to create simple floor plans.	3	1, 6	A
5 Making dimension for plan and section.	3, 11	1, 6	A
6 to understand architectural project	3, 11	1, 6	A
7 To know about the process required to start construction	3, 9, 11	1, 6	A
8			
9			
10			

*Teaching Methods 1:Expression, 2:Discussion, 3:Experiment, 4:Simulation, 5:Question-Answer, 6:Tutorial, 7:Observation, 8:Case Study, 9:Technical Visit, 10:Trouble/Problem Solving, 11:Individual Work, 12:Team/Group Work, 13:Brain Storm, 14:Project Design / Management, 15:Report Preparation and/or Presentation

**Measuring Methods A:Exam, B:Quiz, C:Oral Exam, D:Homework, E:Report, F:Article Examination, G:Presentation, I:Experimental Skill, J:Project Observation, K:Class Attendance; L:Jury Exam

Main Textbook	Lecture Note. Planlı Alanlar İmar Yönetmeliği
Supporting References	
Necessary Course Material	Ruler, setsquare, pencil, eraser

Course Schedule	
1	Definition of architecture, Civil engineering and architectural
2	Architectural terms, Definition of a building of high architectural value
3	Architectural project stages, preliminary project and features
4	Exact project and features, application project and features
5	Drawing architectural elements in plans (windows, doors, elevators)
6	Drawing architectural elements in plans (stairs)
7	Making dimension in floor plans
8	Mid-Term Exam
9	Furnishing of residential rooms
10	Section drawings
11	Appearance drawings
12	Detail projects
13	Tender file
14	Residential buildings and orientation
15	Types of residential buildings.
16,17	Final Exam

Calculation of Course Workload			
Activities	Number	Time (Hour)	Total Workload (Hour)
Course Time (number of course hours per week)	14	2	28
Classroom Studying Time (review, reinforcing, prestudy,...)	14	2	28
Homework			
Quiz Exam			
Studying for Quiz Exam			
Oral exam			
Studying for Oral Exam			
Report (Preparation and presentation time included)			
Project (Preparation and presentation time included)			
Presentation (Preparation time included)			
Mid-Term Exam	1	2	2
Studying for Mid-Term Exam	2	4	8
Final Exam	1	2	2
Studying for Final Exam	3	4	12
Toplam iş yükü			80
Toplam iş yükü / 30			2,67
Dersin AKTS Kredisi			3

Evaluation	
Activity Type	%
Mid-term	40
Homework	-
Final Exam	60
Total	100

RELATIONSHIP BETWEEN THE COURSE LEARNING OUTCOMES AND THE PROGRAM OUTCOMES (PO) (5: Very high, 4: High, 3: Middle, 2: Low, 1: Very low)		
NO	PROGRAM OUTCOME	Contribution
1	Sufficient knowledge of engineering subjects related with mathematics, science and own branch; an ability to apply theoretical and practical knowledge on solving and modeling of engineering problems.	
2	Ability to determine, define, formulate and solve complex engineering problems; for that purpose an ability to select and use convenient analytical and experimental methods.	
3	Ability to design a complex system, a component and/or an engineering process under real life constrains or conditions, defined by environmental, economical and political problems; for that purpose an ability to apply modern design methods.	4
4	Ability to develop, select and use modern methods and tools required for engineering applications; ability to effective use of information technologies.	
5	In order to investigate engineering problems; ability to set up and conduct experiments and ability to analyze and interpretation of experimental results.	
6	Ability to work effectively in inner or multi-disciplinary teams; proficiency of interdependence.	
7	Ability to communicate in written and oral forms in Turkish/English; proficiency at least one foreign language.	
8	Awareness of life-long learning; ability to reach information; follow developments in science and technology and continuous self-improvement.	
9	Understanding of professional and ethical issues and taking responsibility	4
10	Awareness of project, risk and change management; awareness of entrepreneurship, innovativeness and sustainable development.	
11	Knowledge of actual problems and effects of engineering applications on health, environment and security in global and social scale; an awareness of juridical results of engineering solutions.	3
12		

LECTUTER(S)			
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Signature(s)			

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