

**MARMARA UNIVERSITY FACULTY OF ARCHITECTURE AND DESIGN**  
**DEPARTMENT OF ARCHITECTURE 2022-2023 / SPRING TERM**

<b>Course Title</b>	<b>Code</b>	<b>Semester</b>	<b>Hour (T+P)</b>	<b>Credit</b>	<b>ECTS</b>
Profession and Practice	ARCH 404	8	3+0	3	3
<b>Prerequisites</b>					
<b>Language of Instruction</b>	English				
<b>Course Type (Required / elective)</b>	Required				
<b>Course Coordinator</b>	Doç. Dr. Jülide Alp				
<b>Instructors /e-mail</b>	Doç. Dr. Jülide Alp /julidealp@maltepe.edu.tr Dr. Murat AYDIN / murat.aydin.edu@gmail.com; aydinmrt@ankara.edu.tr				

<b>Goals</b>	This course aims (i) to introduce the legal regulations related to land development and architectural practice and (ii) to provide students with an understanding of the concepts and techniques of project and construction management.	
<b>Learning Outcomes</b>	On successful completion of this module, the students are expected to: 1. understand the general structure of the legal system and the legislation concerning land development in Turkey 2. learn the concepts and the definitions in the legal regulations concerning land development 3. have knowledge of the plan types and their scope 4. have knowledge about planning processes and to understand their relationship with architectural practice at the implementation level of land development 5. learn the stages of construction works and to know the relevant legislation 6. understand the fundamentals of construction projects and their management 7. develop an understanding of the alternative construction and project management techniques	
<b>Course Content</b>	This course includes basic information about legal legislations related to land development and architectural practice, as well as fundamentals of project and construction management including construction contracts and project delivery, construction project planning and programming, building economics, digital construction & BIM, latests trends in the field.	
<b>Assessment Criteria</b>	<b>Assessment Components</b>	<b>No component may have more than 50% weight.</b>
	Mid -term exam	% 40
	Final Exam	% 60
	<b>TOTAL</b>	<b>% 100</b>

<b>Weekly Topics and Preparations</b>			
<b>Weeks</b>	<b>Date</b>	<b>Topics</b>	<b>Preparations</b>
Week 1	01.03	<b>Introduction</b> - Course outline	
Week 2	08.03	<b>Lecture: Law, Administrative Law and Zoning Legislation</b> - Administrative law definition - Scope of Zoning Legislation and definitions	
Week 3	15.03	<b>Lecture: Plan Types</b> - Types of plans according to the zoning legislation	
Week 4	22.03	<b>Lecture: Planning Process and Plan Implementation Tools</b> - Plan preparation and approval stages - Plan implementation tools	
Week 5	29.03	<b>Lecture: Building in The Zoning Legislation</b> - Building standards and conditions of construction according to the zoning legislation	
Week 6	05.04	<b>Lecture: Building in The Zoning Legislation</b> - Class application	
Week 7	12.04	<b>Seminar: The Relationship between Zoning Plan/Legislation and Architectural Implementation</b>	
Week 8	19.04	<b>General Discussion: The Relationship between Planning and Architecture</b>	
Week 9	26.04	<b>Seminar: BIM based Software Introduction for Construction Projects</b>	
<b>Week 10</b>	<b>03.05</b>	<b>MIDTERM WEEK</b>	
Week 11	10.05	<b>Lecture: Construction Sector</b>	

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		- Residential Construction, Non-residential building construction, Infrastructure and major construction, Industrial Construction	
Week 12	17.05	<b>Lecture: Management Levels in Construction Industry</b> - International Level, National Level, Sector Level, Company Level, Project Level, Transaction Level <b>Lecture: Participants and Stakeholders</b> - Owner team, Design team, Contractor team, Procurement team	
Week 13	24.05	<b>Lecture: Project and Project Management</b> - What is a project?, What are the characteristics of a project?, What is a construction project?, Project management, Project life cycle, Project chronology, Project life cycle stages	
Week 14	31.05	<b>Lecture: Construction Documents</b> - Construction documents, Tender documents, Contract documents, Other contract documents	
Week 15	07.06	<b>Seminar: Foreign Implementations In Construction Projects</b>	

## REFERENCES

### Main Sources

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**Note:** These sources\* are only in Turkish - unfortunately - as well as \*\* the legal regulations and the legislations concerning land development. However, the lectures will be given in English by referring to them. By additional sources, it is aimed to overcome this problem.

ECTS / WORKING HOUR TABLE			
Activities	Number of Weeks	Duration (Hour)	Working Hours
Duration of the Course (Including Exams: 14 x Total Weekly Course Hour)	14	3	42
Extracurricular Working Hour (Preparatory Work, Review)			
Assignments, Presentations, Internet Studies, etc.			
Mid-term Exam	1	3	3
Final Exam	1	3	3
Working Hours in Total			
Working Hours in Total / 30			
ECTS Credit of the Course			3