

**Vocational School / Construction Technology**  
**2024 - 2025 Academic Year**  
**PROJECT MANAGEMENT and CONSTRUCTION LAW**  
**Syllabus**

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
PROJECT MANAGEMENT and CONSTRUCTION LAW	İNŞ2110951	Fall Semester	2+0	2	3
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Short Cycle (Associate's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Lect. Can DURMUŞ				
<b>Name of Lecturer(s)</b>	Lect. Can DURMUŞ				
<b>Assistant(s)</b>					
<b>Aim</b>	Construction industry, Construction process, liabilities and risks, budget, cost and quality management. Basics of a construction contract, components of a construction contract, problems caused by interpretable clauses, disagreements, examples of international construction contracts.				
<b>Course Content</b>	This course contains; Critical path method, Critical path method, Gantt Chart, Gantt Chart, Resource management, Earned value analysis, Earned value analysis, Earned value analysis, Introduction to contracts, Preparation of contract, Clauses of contract, Clauses of contract, Clauses of contract, Disagreements.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
1. Student will be able to plan works by critical path method			12, 13, 16, 6	A	
2. Student will be able to plan works by gantt chart			12, 13, 16, 19, 6	A	
3. Student will be able to calculate estimated final budget and estimated schedule			12, 13, 16, 6	A	
4. Student will be able to prepare and paraphrase contract clauses			10, 13, 16, 19	A	
5. Student will be able to solve contractual disagreements			10, 13, 16, 19	A	
<b>Teaching Methods</b>	10: Discussion Method, 12: Problem Solving Method, 13: Case Study Method, 16: Question - Answer Technique, 19: Brainstorming Technique, 6: Experiential Learning				
<b>Assessment Methods</b>	A: Traditional Written Exam				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Critical path method				
2	Critical path method				
3	Gantt Chart				
4	Gantt Chart				
5	Resource management				
6	Earned value analysis				
7	Earned value analysis				
8	Earned value analysis				
9	Introduction to contracts				
10	Preparation of contract				
11	Clauses of contract				
12	Clauses of contract				
13	Clauses of contract				
14	Disagreements				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

<b>Resources</b>
Course presentations