

**School of Fine Arts Design and Architecture / Architecture**

**2023 - 2024 Academic Year**

**CONSTRUCTION SITE MANAGEMENT**

**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>
CONSTRUCTION SITE MANAGEMENT	MIM3215177	Spring Semester	2+1	2,5	4
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Elective				
<b>Course Coordinator</b>	Assist.Prof. Mustafa ERDEM				
<b>Name of Lecturer(s)</b>	Lect. Devrim KETENCİ, Assist.Prof. Mustafa ERDEM				
<b>Assistant(s)</b>					
<b>Aim</b>	Defining the construction site process. Introducing the organizational structures of construction. To teach the mechanisms and interactions of management, planning and implementation, carried out within the construction field. To introduce students to different tasks other than design that they can take part in the construction process. To familiarize the construction bureaucracy. Explaining the new management trends in construction and project delivery systems. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
<b>Course Content</b>	This course contains; Introduction,Basic concepts,Roles and Relationships on Site ,Project Delivery Systems on Site Practice ,Tender Process and The Selection of The Contractor ,Construction Operations and Job Site Management ,Management of Project Risks ,Midyear exam,Project Planning, Scheduling, and Monitoring Project Performance ,The Concept of Progress Bill and The Preparation Payment Certificate I ,The Concept of Progress Bill and The Preparation Payment Certificate II ,Management of Quality and Safety ,Exercise in classMidyear exam 2,Construction Closeout and Post-Construction Stage				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
1. Can define and understand the bureaucracy required by procet management, espeacilly in the field of site management, including procedures, limits of and responsibilities related to authority and assignmentof duties2. Learns about alternative fields of construction management aside from design in career planning3. Gains opportunities in shortening the orientation process in site experience after graduation4. Gains skills in practical site management techniques and applications					
<b>Teaching Methods</b>					
<b>Assessment Methods</b>					
<b>Lecture Schedule</b>					
<b>Sequenc e</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Introduction				
2	Basic concepts				
3	Roles and Relationships on Site <input type="checkbox"/> <input type="checkbox"/>				
4	Project Delivery Systems on Site Practice <input type="checkbox"/> <input type="checkbox"/>				
5	Tender Process and The Selection of The Contractor <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
6	Construction Operations and Job Site Management <input type="checkbox"/> <input type="checkbox"/>				
7	Management of Project Risks <input type="checkbox"/> <input type="checkbox"/>				
8	Midyear exam				
9	Project Planning, Scheduling, and Monitoring Project Performance <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
10	The Concept of Progress Bill and The Preparation Payment Certificate I <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
11	The Concept of Progress Bill and The Preparation Payment Certificate II <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
12	Management of Quality and Safety <input type="checkbox"/> <input type="checkbox"/>				
13	Exercise in classMidyear exam 2				
14	Construction Closeout and Post-Construction Stage <input type="checkbox"/> <input type="checkbox"/>				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		50			
General Exam		50			

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**Resources**

Barbara J. Jackson / 2010 / Construction Management JumpStart-Second Edition / Wiley Publishing Inc. / Indiana

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Ezeldin, Samer / 2018 / Construction Site Coordination And Management Guide / Momentum Press

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Sidney M. Levy / 2018 / Project Management in Construction- Seventh Edition / McGraw-Hill Education

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S. Keoki Sears, Glenn A. Sears, Richard H. Clough / 2008 / Construction Project Management-5th Edition / John Wiley & Sons / New Jersey

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John Murdoch, Will Hughes / 2007 / Construction Contracts: Law and Management-4th Edition / Taylor & Francis / London and New York

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Turhan Uyaroglu / 2019 / İnşaata Başlarken-9. Baskı / YEM Yayın / İstanbul

Firuzan Baytop / 2019 / Şantiye Yönetimi-6. Baskı / YEM Yayın / İstanbul