



COURSE INFORMATION FORM

Course Name	Course Code
SITE LAYOUT AND MANAGEMENT	151415369

Semester	Number of Course Hours per Week		ECTS
	Theory	Practice	
5	3	0	3

Course Category (Credit)				
Basic Sciences	Engineering Sciences	Design	General Education	Social
	3			

Course Language	Course Level	Course Type
Turkish	Undergraduate	Elective

Prerequisite(s) if any	
Objectives of the Course	Basic tasks in building and building operation, management and organization, the function of the engineer, planning, supervision, regulation, projecting, dimensioning and many important and technical elements such as conveying, teaching. Evaluation of the basic preliminary and final knowledge of the manager and planner technical staff in the establishment of the construction site.
Short Course Content	Short Course Content General information about construction management, construction management in private and public sector, administrative organization schemes, material and site selection, economic management, construction investment for monetary and budget planning, construction management organization, construction site facilities, various types of construction sites, their characteristics, site layout, safety, total cost calculations, site equipment, fixtures and furniture, portable construction sites and elements.

Learning Outcomes of the Course	Contributed PO(s)	Teaching Methods *	Measuring Methods **
1 To have the ability to practice construction project and construction site management	PO1, PO2, PO8, PO5, PO10	1,5	A
2 To be able to comprehend the principles of construction site setup and management	PO1, PO2, PO8, PO10	1,5	A
3 To be able to make efficiency and work planning related to construction machinery used in construction sites	PO1, PO2, PO4, PO10	1,5,6	A
4 To have the ability to apply work programs on construction sites	PO1, PO2, PO4, PO5, PO10	1,5,6	A
5			
6			
7			
8			

*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	Yapı Yönetimi ve Şantiye Tekniği Ders Notları ile diğer her tür benzer yapım ve proje yönetimi ve işletmesi kitap, ders notu, dergi ve kaynağı
Supporting References	GENYA, Yılmaz, “Yapı İşleri Tatbikatı”, Ankara, 1986.;BARRIE, D.S. and B.C. PAULSON “Professional Construction Management”, Mc.Graw-Hill Book Co. Inc., New York, 1984.; HEDLEY,G and C.GARRET,” Practical Site Management”, George Godwin Ltd. Publishing, Great Britain, 1976.
Necessary Course Material	There is no need to use any equipment; however, computers and data projectors are needed as materials to conduct the course.

Course Schedule	
1	Structure management (principles of business management, general duties of the manager, principles)
2	Site Setup, Arrangements (Work before and after departure)
3	Project management (building requirements, preliminary surveys, project planning)
4	Economic analysis, project cost calculations, implementation program
5	Types of construction sites
6	Construction Site Buildings (General Arrangements, Types, Warehouse and Warehouses, Special.)
7	Construction Site Buildings (General Arrangements, Types, Warehouse and Warehouses, Special.)
8	Mid-Term Exam
9	Construction Site Warehouse and Warehouse Equipment (Etajerler, Cabinets, Shelves, Assist. Equipment), Construction Site Service Roads and applications
10	Quarry operations, Concrete batching plants and other material production sites
11	Various Site Arrangement Features and Details (Description with Diagrams and Sketches)
12	Administrative Planning and Organization in Construction Sites and Construction Workplaces
13	Construction machinery used in construction sites
14	Applications related to construction machinery used in construction sites
15	Applications related to construction machinery used in construction sites
16,17	Final Exam

Calculation of Course Workload			
Activities	Number	Time (Hour)	Total Workload (Hour)
Course Time (number of course hours per week)	14	3	42
Classroom Studying Time (review, reinforcing, prestudy,...)	14	2	28
Homework	1	0	0
Quiz Exam	1	0	0
Studying for Quiz Exam	1	0	0
Oral exam	1	0	0
Studying for Oral Exam	1	0	0
Report (Preparation and presentation time included)	1	0	0
Project (Preparation and presentation time included)	1	0	0
Presentation (Preparation time included)	1	0	0
Mid-Term Exam	1	2	2
Studying for Mid-Term Exam	1	15	15
Final Exam	1	2	2
Studying for Final Exam	1	10	10
Total workload			99
Total workload / 30			3,3
Course ECTS Credit			3

Evaluation	
Activity Type	%
Mid-term	50
Quiz	
Homework	
Bir öge seçin.	
Bir öge seçin.	
Final Exam	50
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	PO-1: Adequate knowledge of mathematics, science and basic engineering; Ability to apply theoretical and applied knowledge in these fields to model and solve engineering problems	4
2	PO-2: Skills in identifying, defining, formulating, and solving complex engineering problems in civil engineering and related fields by selecting and applying appropriate analysis and	5
3	PO-3: The ability to design a complex system, device or product in line with a determined goal, under realistic constraints and conditions, by applying modern design methods.	3
4	PO-4: Ability to develop, select and use modern techniques and tools required for Civil Engineering applications and to effectively benefit from information technologies.	4
5	PO-5: Ability to design experiments, conduct experiments, collect data, analyze and interpret results for the study of Civil Engineering problems.	4
6	PO-6: Ability to do interdisciplinary and interdisciplinary team work	3
7	PO-7: Ability to communicate effectively in Turkish verbally and in writing and the ability to use/improve foreign language knowledge.	2
8	PO-8: Awareness of the necessity of lifelong learning; the ability to access information, follow developments in science and technology and constantly renew oneself	3
9	PO-9: Awareness of professional and ethical responsibility	4
10	PO-10: Knowledge of project management and business practices such as risk management and change management; awareness about entrepreneurship, innovation and sustainable	5
11	PO-11: Information about the effects of engineering practices on health, environment and safety at universal and societal dimensions; Awareness of national and international legal	4

LECTUTER(S)				
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Signature(s)				

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