



COURSE INFORMATION FORM

Course Name	Course Code
INTRODUCTION TO CIVIL ENGINEERING	151411215

Semester	Number of Course Hours per Week		ECTS
	Theory	Practice	
1	2	0	4

Course Category (Credit)				
Basic Sciences	Engineering Sciences	Design	General Education	Social
1	3			

Course Language	Course Level	Course Type
Turkish	Undergraduate	Compulsory

<b>Prerequisite(s) if any</b>	
<b>Objectives of the Course</b>	Civil engineer candidates entering the first semester and professional infrastructure, job training, studies, project fetishism, private and public sector to promote the activities of engineering and technical services, endearing, warm up, uncertainty, confusion and eliminate misunderstandings.
<b>Short Course Content</b>	Introduction, construction, construction activities, construction, engineering, science, technology, engineering, civil engineering, education, work areas, the relevant statutory building regulations, zoning, tender, about his life and work safety laws, regulations and specifications, standardization, TSE and ISO studies, study-project, implementation and control, building materials, building systems and construction methods, construction, engineering and related professional chambers, associations and other organizations, etc.

Learning Outcomes of the Course	Contributed PO(s)	Teaching Methods *	Measuring Methods **
1 Knows the profession	1, 7	1,2,5,6,10	A, D
2 Knows the legal, administrative and professional principles and principles of working life	2, 3	1,2,5,6,10	A, D
3 Knows the basic and general introduction of engineering education	4, 9, 5, 6	1,2,5,6,10	A, D
4 Gain the ability to explain, sample and evaluate from a civil engineering perspective and window.	8, 10, 11	1,2,5,6,10	A, D
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

<b>Main Textbook</b>	Content of the course is already fully reflect the profession of media for publicity and promotion of practical, real on.
<b>Supporting References</b>	Courses in theory describes (pp) mirrors and presentations, work life, legal, managerial, professional principles, basic and general promotion of engineering education in civil engineering point of view and narrative window, sampling, and evaluation of the aim to provide
<b>Necessary Course Material</b>	

<b>Course Schedule</b>	
<b>1</b>	Introduction to Civil Engineer who is, how it works, what it produce? Introduction, examples, questions and answers,
<b>2</b>	According to other professional fields of Engineering and Construction Engineer property, location, branches
<b>3</b>	Area Branches of Science in Civil Engineering (major branches, characteristics, diversity)
<b>4</b>	Dept. of Building and Construction Management presentation, operation, features, live samples,
<b>5</b>	Dept. of Construction Materials presentation, operation, features, live samples,
<b>6</b>	Dept. of Dynamics of Structure presentation, operation, features, live samples,
<b>7</b>	Technical Mechanic Engineering (Structure), Department of presentation, operation, features, live samples
<b>8</b>	Mid-Term Exam
<b>9</b>	Dept. of Geotechnical presentation, operation, features, live samples,
<b>10</b>	Dept. of Transportation presentation, operation, features, live samples,
<b>11</b>	Dept. of Hydraulic presentation, operation, features, live samples,
<b>12</b>	Chamber of Civil Engineers, Presentation, Management, Operations, Facilities
<b>13</b>	Private Sector Construction Project, Construction and Control Engineering Presentation, Business and Properties,
<b>14</b>	Public Sector Construction Project, Construction and Control Engineering Presentation, Business and Properties,
<b>15</b>	What is the structure? What is the building? Features, Types, Classification,
<b>16,17</b>	Final Exam

<b>Calculation of Course Workload</b>			
<b>Activities</b>	<b>Number</b>	<b>Time (Hour)</b>	<b>Total Workload (Hour)</b>
Course Time (number of course hours per week)	14	2	28
Classroom Studying Time (review, reinforcing, prestudy,...)	14	3	42
Homework	4	3	12
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	1	14	14
Final Exam	1	2	2
Studying for Final Exam	1	15	15
<b>Total workload</b>			<b>90</b>
<b>Total workload / 30</b>			<b>3,83</b>
<b>Course ECTS Credit</b>			<b>4</b>

Evaluation	
<b>Activity Type</b>	<b>%</b>
Mid-term	40
Quiz	
Homework	10
Bir öge seçin.	
Bir öge seçin.	
<b>Final Exam</b>	<b>50</b>
<b>Total</b>	<b>100</b>

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 civil engineering; an ability to apply theoretical and practical knowledge on solving and modeling	3
2	Ability to determine, define, formulate and solve complex civil engineering problems; for that purpose an ability to select and use convenient analytical and experimental methods.	4
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	2
4	Ability to develop, select and use modern methods and tools required for civil engineering applications; ability to effective use of information technologies.	3
5	In order to investigate civil engineering problems; ability to set up and conduct experiments and ability to analyze and interpretation of experimental results.	2
6	Ability to work effectively in inner or multi-disciplinary teams; proficiency of interdependence.	4
7	Ability to communicate in written and oral forms in Turkish/English; proficiency at least one foreign language.	4
8	Awareness of life-long learning; ability to reach information; follow developments in science and technology and continuous self-improvement.	4
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.	3
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	4

LECTUTER(S)			
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<b>Signature(s)</b>			

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