

**DEPARTMENT of INDUSTRIAL ENGINEERING  
COURSE CATALOGUE FORM**



<b>Course Code:</b> INDE2910			<b>Course Title:</b> Summer Practice I				
<b>Semester</b>	<b>L + R + L</b>	<b>Credits</b>	<b>AKTS</b>	<b>Language</b>	<b>Category</b>	<b>Instructional Methods</b>	<b>Prerequisites</b>
5	-	-	1	Turkish/English	Required	Field Study	Sophomore Standing
<b>Course Objectives</b>			To gain experience as an intern in an environment where industrial engineering duties and responsibilities are carried out.				
<b>Course Content</b>			To attend, observe and report on Industrial Engineering activities in the service sector (or a service provider unit of other sectors) for at least 20 working days.				
<b>Course Learning Outcomes</b>			Students, who pass the course satisfactorily: 1. Gain experience on the planning, management and process activities of service providers. [10] 2. Gain awareness about all aspects of engineering applications in real life. [8, 9, 11] 3. Ability to write reports. [7]  [Note: Numbers in brackets are indicating the related program outcomes]				
<b>ISCED Category of the course</b>			52 Engineering				
<b>Textbook</b>			-				
<b>Supplementary Material</b>			-				

**COURSE PLAN**

Week	Topics	Laboratory / Tutorial Work
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-

**COURSE ASSESSMENT SYSTEM**

	Activities	Contribution (%)
<b>Semester Activities</b>	<b>Semester Written Exams</b>	-
	<b>Homework</b>	-
	<b>Reports</b>	100
	<b>Labs</b>	-
	<b>Seminars</b>	-
	<b>Presentations</b>	-
	<b>Term Project</b>	-
	<b>Other (attendance, field trip etc.)</b>	-
<b>FINAL EXAM</b>		-
<b>Total</b>		100

**CONTRIBUTION of the COURSE on INDUSTRIAL ENGINEERING PROGRAM OUTCOMES**

	Program Outcomes	Low	High
1	Adequate knowledge in mathematics, science and subjects pertaining to Industrial Engineering; ability to use theoretical and applied knowledge in these areas in complex engineering problems.		
2	Ability to identify, formulate, and solve complex Industrial Engineering problems; ability to select and apply proper analysis and modeling methods for this purpose.		
3	Ability to design a complex system, process, device or product under realistic constraints and conditions, in such a way as to meet the desired result; ability to apply modern design methods for this purpose.		
4	Ability to devise, select, and use modern techniques and tools needed for analyzing and solving problems encountered in engineering practice; ability to employ information technologies effectively.		
5	Ability to design and conduct experiments, gather data, analyze and interpret results for investigating complex engineering problems or discipline specific research questions.		
6	Ability to work efficiently individually and in intra-disciplinary / multi-disciplinary teams.		
7	Knowledge of Turkish and English languages; ability to communicate effectively orally, inscriptive and visually by using these languages (via business methods such as reports, presentations and instructions).		X
8	Recognition of the need for lifelong learning; ability to access information, to follow developments in science and technology, and to continue to educate him/herself.		X
9	Consciousness to behave according to ethical principles and professional and ethical responsibility; knowledge on standards used in engineering practice.		X
10	Knowledge about business life practices (management activities such as project, risk, change and quality etc.); awareness in entrepreneurship, innovation; knowledge about sustainable development.		X
11	Knowledge about the global and social effects of engineering practices on health, environment, economics and safety, and contemporary issues of the century reflected into the field of engineering; awareness of the legal consequences of engineering solutions.		X

**ECTS - WORK LOAD TABLE**

COURSE ACTIVITIES	Quantity	Time (hr)	Work Load (hr)
Lectures	-	-	-
Final Exam (Preparation included)	-	-	-
Semester Written Exams (Preparation included)	-	-	-
Out of class study time	20	8	160
Homework	-	-	-
Reports	1	15	15
Labs	-	-	-
Seminar	-	-	-
Presentations	-	-	-
Term Project	-	-	-
<b>Total Load (hr)</b>			175
<b>ECTS Credits of the course (Total Work Load / 25)</b>			7

Revision / Date 5/02/2020	Coordinator / Prepared By Çağlar Aksezer	Approved By Çağlar Aksezer
------------------------------	---	-------------------------------