

**DEPARTMENT of INDUSTRIAL ENGINEERING
COURSE CATALOGUE FORM**



Course Code: INDE3910				Course Title: Summer Practice II			
Semester	L + R + L	Credits	AKTS	Language	Category	Instructional Methods	Prerequisites
7	-	-	1	Turkish/English	Required	Field Study	Junior Standing
Course Objectives			To gain experience as an intern in an environment where industrial engineering duties and responsibilities are carried out.				
Course Content			To attend, observe and report on Industrial Engineering activities in the manufacturing or production environment for at least 20 working days.				
Course Learning Outcomes			Students, who pass the course satisfactorily: 1. Gain experience on the planning, management and process activities and aspects of physical systems. [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]				
ISCED Category of the course			52 Engineering				
Textbook			-				
Supplementary Material			-				

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 (%)
Semester Activities	Semester Written Exams	-
	Homework	-
	Reports	100
	Labs	-
	Seminars	-
	Presentations	-
	Term Project	-
	Other (attendance, field trip etc.)	-
FINAL EXAM		-
Total		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	-	-	-
Total Load (hr)			175
ECTS Credits of the course (Total Work Load / 25)			7

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