

TOROS ÜNİVERSİTESİ

Faculty Of Engineering
Industrial Engineering (English)

Course Information

INDUSTRIAL ENGINEERING PROJECT					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
INE495	Fall	0	12	3	6

Prerequisites and co-requisites	None
Language of instruction	English
Type	Required
Level of Course	Bachelor's
Lecturer	
Mode of Delivery	Face to Face
Suggested Subject	None
Professional practise (internship)	None
Objectives of the Course	The aim of this course is to provide students with competences to make a design project by using knowledge that they gained from past courses in order to design a process, product or service system for performing some business functions.
Contents of the Course	Fundamentals of process design, conceptual design and innovation, design input parameters, reviewing fundamentals of related courses (such as Modelling, Statistical Analysis, Information Systems, Production Planning), design process and preparing solid models/technical drawings, performance evaluation, economical analysis and life estimation, project report and its presentation (PowerPoint)

Learning Outcomes of Course

#	Learning Outcomes
1	Student solves real life problems in industrial engineering.
2	Students prepares technical reports
3	Student makes a project plan and its timing
4	Student is able to make cost analysis and compare the pros and cons of alternative choices

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Assignment of Design Problems	Research
2	System Analysis	Research
3	System Analysis	Research
4	Objectives	Research
5	Design Constraints	Research
6	Available Resources	Research
7	Design Parameters	Research
8	Design Procedures	Research
9	Application Area	Research
10	Data Collection	Research

11	Data Collection	Research
12	Engineering Analysis	Research
13	Engineering Analysis	Research
14	Report Writing	Research
15	Report Writing	Research
16	Presentations	Research

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	Engineerign books and online sources.		

Method of Assessment

#	Weight	Work Type	Work Title
1	100%	Final Practise	Final Practise

Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1	Student solves real life problems in industrial engineering.	2	1
2	Students prepares technical reports	6	1
3	Student makes a project plan and its timing	9	1
4	Student is able to make cost analysis and compare the pros and cons of alternative choices	1	1

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

Work Load Details

#	Type of Work	Quantity	Time (Hour)	Work Load
1	Course Duration	14	12	168
2	Course Duration Except Class (Preliminary Study, Enhancement)	0	0	0
3	Presentation and Seminar Preparation	0	0	0
4	Web Research, Library and Archival Work	0	0	0
5	Document/Information Listing	0	0	0
6	Workshop	0	0	0
7	Preparation for Midterm Exam	0	0	0
8	Midterm Exam	0	0	0
9	Quiz	0	0	0
10	Homework	0	0	0
11	Midterm Project	0	0	0
12	Midterm Exercise	0	0	0
13	Final Project	0	0	0
14	Final Exercise	0	0	0
15	Preparation for Final Exam	0	0	0
16	Final Exam	0	0	0
				168

