Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
IND482	Current Topics and Applications in Industrial Engineering	8	2	0	0	2	3

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Bachelor Degree
Objective	The aim of this course, which is compulsory in the final semester program, is to help prospective graduates discover their interests, prepare them for business life, and show how the theoretical knowledge learned is put into practice. Students will also be able to familiarize themselves with current issues, new approaches, and techniques that may be useful for Industrial Engineers. In addition, by learning the positions and responsibilities of Industrial Engineers in the business world, they gain essential knowledge for career planning and the ability to define professional responsibility and ethics.
Content	Week 1 Introduction to the course and collecting topic requests from students for seminars Week 2 Information about Graduation Projects - Introduction of the course project Week 3 Seminar: Digital Banking Week 4 Graduation Project work - Graduation Project Plan Document submission Week 5 Seminar: Entrepreneurship Week 6 Mid-term evaluation of the course project - Question/Answer session Week 7 Seminar: Career Planning Week 8 Seminar: Digital Supply Chain Week 9 Midterm Exam Week 10 Mid-term evaluation of the course project Week 11 Seminar: Digital Transformation - Digital Twin Week 12 Project Presentations Week 13 Project Presentations Week 14 General semester evaluation
References	Presentation and sharing files of the guests who attended the course to give seminars.

Theory Topics

Week	Weekly Contents
1	Introduction to the course and collecting topic requests from students for seminars
2	Information about Graduation Projects - Introduction of the course project
3	Seminar: Digital Banking
4	Graduation Project work - Graduation Project Plan Document submission
5	Seminar: Entrepreneurship
6	Mid-term evaluation of the course project - Question/Answer session
7	Seminar: Career Planning
8	Seminar: Digital Supply Chain
9	Midterm Exam
10	Mid-term evaluation of the course project
11	Seminar: Digital Transformation - Digital Twin
12	Project Presentations
13	Project Presentations
14	General semester evaluation