

Industrial Engineering (English)			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

Course Introduction and Application Information

Course Code:	UNI207		
Course Name:	Entrepreneurship		
Semester:	Fall		
Course Credits:	<div>ECTS</div> <div>5</div>		
Language of instruction:	English		
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	University Elective		
Course Level:	<div>Bachelor</div> <div>TR-NQF-HE:6. Master`s Degree</div> <div>QF-EHEA:First Cycle</div> <div>EQF-LLL:6. Master`s Degree</div>		
Mode of Delivery:	E-Learning		
Course Coordinator:	Dr. Öğr. Üy. GÜLSÜM GÖKGÖZ		
Course Lecturer(s):	Pınar Özuyar		
Course Assistants:			

Course Objective and Content

Course Objectives:	It is aimed that students will be endorsed with the understanding of entrepreneurship aiming to keep in mind this understanding throughout their programs.
Course Content:	The entrepreneurial thinking is becoming more and more important not only for start-ups but also for in-company breakthroughs. On the other hand, the priorities of Turkey and the globe effects and offers opportunities and threats to these entrepreneurial ideas. With this approach,

entrepreneurship, change, and the priority issues in the world will be explained to students on an advanced level. Although mainly all entrepreneurship discussion focuses on the business world, it aims to convey a general understanding with different case reports

Learning Outcomes

The students who have succeeded in this course;

- 1) Explain the principles of entrepreneurship.
- 2) Understand the basic terms regarding entrepreneurship.
- 3) Define social entrepreneurship.
- 4) Recognize and define the relevance of selected global issues and entrepreneurship
- 5) Define the scope and contents of business plans and other necessary plans for entrepreneurship.

Course Flow Plan

Week	Subject	Related Preparation
1)	Basic Concepts: idea, inventor, invention, entrepreneur, entrepreneurship, manager, innovation and others	To be given in class.
2)	Basic Concepts: idea, inventor, invention, entrepreneur, entrepreneurship, manager, innovation and others	To be given in class.
3)	Awareness: global crosscutting issues on sustainable development	To be given in class.
4)	Awareness: global crosscutting issues on sustainable development	To be given in class.
5)	Awareness: global crosscutting issues on sustainable development	To be given in class.
6)	Basic Concepts 1: sectors, classifications, coding	To be given in class.
7)	Basic Concepts 2: company types and ownerships	To be given in class.
8)	Basic Concepts 3: global assessments, competition, related administrative structures	To be given in class.
9)	Basic Concepts 4: global assessments, competition, related administrative structures	To be given in class.
10)	Tools 1: business establishment	To be given in class

11)	Tools 2: business establishment	To be given in class.
12)	Tools 3: business plans and sub-plans	To be given in class.
13)	Tools 4: business plans and sub-plans	To be given in class
14)	Tools 5: Financial resources	To be given in class

Sources

Course Notes / Textbooks:	Dersde verilecektir. / To be given in class.
References:	Dersde verilecektir. / To be given in class.

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5
Program Outcomes					
1) Adequate knowledge in mathematics, science and industrial engineering; the ability to use theoretical and practical knowledge in these areas in complex engineering problems.					
2) Ability to identify, formulate, and solve complex industrial engineering problems; ability to select and apply appropriate analysis and modeling methods for this purpose.					
3) Ability to design a complex industrial system, process, device or product to meet specific requirements under realistic constraints and conditions; ability to apply modern design methods for this purpose.					
4) Ability to develop, select and use modern techniques and tools necessary for the analysis and solution of complex problems encountered in industrial engineering applications; ability to use information technologies effectively.					
5) Ability to design, conduct experiments, collect data, analyze and interpret results for the study of complex engineering problems or industrial engineering research topics.					
6) Ability to work effectively within and multidisciplinary teams; individual study skills.					
7) Ability to communicate effectively orally and in writing; knowledge of at least one					

foreign language; ability to write effective reports and understand written reports, to Course Learning Outcomes prepare design and production reports, to make effective presentations, to give and receive clear and understandable instructions.	1	2	3	4	5
8) Awareness of the necessity of lifelong learning; ability to access information, to follow developments in science and technology and to renew continuously.					
9) To act in accordance with ethical principles, professional and ethical responsibility; information on the standards used in engineering applications.					
10) Information on business practices such as project management, risk management and change management; awareness of entrepreneurship and innovation; information about sustainable development.					
11) Knowledge of the effects of industrial engineering practices on health, environment and safety in the universal and social scale and the problems of the era reflected in industrial engineering; awareness of the legal consequences of industrial engineering solutions.					

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	Adequate knowledge in mathematics, science and industrial engineering; the ability to use theoretical and practical knowledge in these areas in complex engineering problems.	
2)	Ability to identify, formulate, and solve complex industrial engineering problems; ability to select and apply appropriate analysis and modeling methods for this purpose.	
3)	Ability to design a complex industrial system, process, device or product to meet specific requirements under realistic constraints and conditions; ability to apply modern design methods for this purpose.	
4)	Ability to develop, select and use modern techniques and tools necessary for the analysis and solution of complex problems encountered in industrial engineering applications; ability to use information technologies effectively.	
5)	Ability to design, conduct experiments, collect data, analyze and interpret results for the study of complex engineering problems or industrial engineering research topics.	
6)	Ability to work effectively within and multidisciplinary teams; individual study skills.	

7)	Ability to communicate effectively orally and in writing; knowledge of at least one foreign language; ability to write effective reports and understand written reports, to prepare design and production reports, to make effective presentations, to give and receive clear and understandable instructions.	
8)	Awareness of the necessity of lifelong learning; ability to access information, to follow developments in science and technology and to renew continuously.	
9)	To act in accordance with ethical principles, professional and ethical responsibility; information on the standards used in engineering applications.	
10)	Information on business practices such as project management, risk management and change management; awareness of entrepreneurship and innovation; information about sustainable development.	
11)	Knowledge of the effects of industrial engineering practices on health, environment and safety in the universal and social scale and the problems of the era reflected in industrial engineering; awareness of the legal consequences of industrial engineering solutions.	

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Homework Assignments	1	% 20
Midterms	1	% 40
Final	1	% 40
total		% 100
PERCENTAGE OF SEMESTER WORK		% 60
PERCENTAGE OF FINAL WORK		% 40
total		% 100

Workload and ECTS Credit Calculation

Activities	Number of Activities	Workload
Course Hours	14	56
Study Hours Out of Class	14	28
Midterms	2	15
Final	1	21

Total Workload	120
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