Management Information Systems (English)			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

Course Introduction and Application Information

Course Code:	MIS205
Course Name:	Management and Organization in Digital World
Semester:	Fall
Course Credits:	ECTS 3
Language of instruction:	English
Course Condition:	
Does the Course Require Work Experience?:	No
Type of course:	Compulsory Courses
Course Level:	Bachelor / TR-NQF-HE:6. Master`s Degree / QF-EHEA:First Cycle / EQF-LLL:6. Master`s Degree
Mode of Delivery:	Face to face
Course Coordinator:	Doç. Dr. MUSTAFA SUNDU
Course Lecturer(s):	Dr. Öğr. Üyesi Mustafa SUNDU
Course Assistants:	

Course Objective and Content

Course Objectives:	The aim of this course is to inform students about basic management and organization concepts, theories, functions, and contemporary management techniques and tools used in businesses today, and to make students aware of the innovations resulting from digital transformation in the field of management and organization. With this knowledge, it is aimed to gain a perspective that can understand management processes and organizational structures and realize digital transformation as a management information systems specialist.

Course Content:	Identification of data, probability theory, discrete random variables and probability distribution, continuous random variables and probability distribution, sampling and sampling distribution.

Learning Outcomes

The students who have succeeded in this course;

1) Understands and applies the planning, organization, execution, coordination and control functions of business management.

2) I. Understands and applies the planning, organization, execution, coordination and control functions of business management. II.

3) Can analyze the structural and managerial problems and needs in any organization.

4) Gains and uses managerial skills related to solving management problems

5) Apply the basic principles, strategies and techniques of modern business and business management.

6) Can manage or contribute to digital transformation processes.

Course Flow Plan

Week	Subject	Related Preparation
1)	Chapter 1 Managing Today *Digitalization, Digitization and Disruptive Technologies	
2)	Chapter 2 The Manager as Decision Maker *MIS Decision Support Systems	
3)	Chapter 3 Important Managerial Issues *Digital Transformation	
4)	Chapter 4 The Management Environment *Current Digital drives in business	
5)	Chapter 5 Managing Change and Innovation *MIS Knowledge Management Systems	
6)	Chapter 6 Planning and Goal Setting * Digital Strategies	
7)	Chapter 7 Structuring and Designing Organizations *Digital Organizations and Virtual Teams	
8)	Chapter 8 Managing Human Resources and Diversity *Human-Robot Teaming	
9)	Chapter 9 Managing Work Groups and Work Teams *Teleworking, Distant Working, Digital Workplaces	
10)	Chapter 10 Understanding Individual Behavior *Flexible working, Home Office and Negative Consequences of Digitalization On Individuals	
11)	Chapter 11 Motivating and Rewarding Employees *Digital Transparency and Performance Measurement	
12)	Chapter 12 Understanding Leadership *E-Leadership and Digital Leadership	

13)	Chapter 13 Managing Organizational and Interpersonal Communication *Digital Communication and Collaboration		
14)	Chapter 14 Controlling Work and Organizational Processes *Digital Control and Enterprise Resource Planning		
15)	Final Exam		

Sources

Course Notes / Textbooks:	• Robbins, S. P., Decenzo, D. A., & Coulter, M. (2014). Fundamentals of Management: Essentials Concepts and Applications (Global Edition). Pearson Education Limited. • Scientific articles or books on digitalization in businesses • Lecture Slides and Notes
References:	• Robbins, S. P., Decenzo, D. A., & Coulter, M. (2014). Fundamentals of Management: Essentials Concepts and Applications (Global Edition). Pearson Education Limited. • Scientific articles or books on digitalization in businesses • Lecture Slides and Notes

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5	6
Program Outcomes						
1) It has a wide range of interdisciplinary approaches to management information systems, primarily business and computer engineering.	3	3	3	3	3	3
2) Comprehends the management information systems in terms of technical, organizational and managerial aspects and uses the current programming language by knowing the logic of programming.	2	2	3	2	2	2
3) Uses different information technologies and systems for understanding and solving various business problems.	3	3	3	3	3	3
4) Interpret the data, concepts and ideas in the field of management information systems with scientific and technological methods.	3	3	3	3	3	3
5) Analyze the needs for an information system and analyze the processes of analysis, design and implementation of the database.	2	2	2	3	2	2
6) Gains technical and managerial contributions to IT projects and takes responsibility.	3	3	3	2	2	3
7) Solve complex business and informatics problems by using various statistical techniques and numerical methods and make analyzes using	2	2	3	3	3	2

Course Learning Outcomes	1	2	3	4	5	6
statistical programs effectively.						
8) Uses a foreign language at the B1 General Level in terms of European Language Portfolio criteria according to the level of education.	3	3	3	2	3	3
9) Develops teamwork, negotiation, leadership and entrepreneurship skills.	3	3	3	3	3	3
10) Has universal ethical values, social responsibility awareness and sufficient legal knowledge.	3	3	3	3	3	3
11) Develops positive attitudes related to lifelong learning and identifies individual learning needs and carries out studies to correct them.	3	3	2	2	3	3
12) Students will be able to communicate their ideas and solutions both written and orally, and present and publish them on both national and international platforms.	2	2	3	2	2	2
13) It uses information and communication technologies together with computer software at the advanced level of European Computer Driving License required by the field.	2	2	2	2	2	2

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	It has a wide range of interdisciplinary approaches to management information systems, primarily business and computer engineering.	3
2)	Comprehends the management information systems in terms of technical, organizational and managerial aspects and uses the current programming language by knowing the logic of programming.	2
3)	Uses different information technologies and systems for understanding and solving various business problems.	3
4)	Interpret the data, concepts and ideas in the field of management information systems with scientific and technological methods.	3
5)	Analyze the needs for an information system and analyze the processes of analysis, design and implementation of the database.	3
6)	Gains technical and managerial contributions to IT projects and takes responsibility.	3

7)	Solve complex business and informatics problems by using various statistical techniques and numerical methods and make analyzes using statistical programs effectively.	2
8)	Uses a foreign language at the B1 General Level in terms of European Language Portfolio criteria according to the level of education.	3
9)	Develops teamwork, negotiation, leadership and entrepreneurship skills.	3
10)	Has universal ethical values, social responsibility awareness and sufficient legal knowledge.	3
11)	Develops positive attitudes related to lifelong learning and identifies individual learning needs and carries out studies to correct them.	3
12)	Students will be able to communicate their ideas and solutions both written and orally, and present and publish them on both national and international platforms.	3
13)	It uses information and communication technologies together with computer software at the advanced level of European Computer Driving License required by the field.	2

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Quizzes	3	% 30
Homework Assignments	3	% 30
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	Preparation for the Activity	Spent for the Activity Itself	Completing the Activity Requirements	Workload
Course Hours	14	1	3		56
Homework Assignments	1	4	1		5

Quizzes	3	2	1		9
Final	1	15	1		16
Total Workload					**86**