

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
MANAGEMENT INFORMATION SYSTEMS	MIS1154260	Fall Semester	2+0	2	5
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	English				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Required				
Course Coordinator	Assoc.Prof. Özge DOĞUÇ				
Name of Lecturer(s)	Assist.Prof. Recep ÖZSÜRÜNÇ				
Assistant(s)					
Aim	To teach basics of information systems, information technology and decision making that they will need to use in business life.				
Course Content	This course contains; Definition of MIS, data, information, knowledge and other concepts, Types of Information Systems (IS), Information Systems, Organizations and Strategy, Information Systems Hardware, Information Systems Software, Database Management and Systems, Computer Networks, Internet and WWW, Information Systems for Operational level, E- Commerce: Digital markets, goods and services, Decision support systems in organizations, Improving systems and management of change, Project management: Generating value for organisation by Information Systems and management of change.				
Course Learning Outcomes				Teaching Methods	Assessment Methods
1. will be able to evaluate concepts of data and information.				13, 9	A
1.1 Lists application areas of MIS					
1.2 Define information					
2. will be able to evaluate types of information systems				13, 9	A
2.1 Define management information systems					
2.2 Define decision support systems					
2.3 Define executive information systems.					
3. will be able to discuss the differences of IS and IT.				13, 9	A
3.1 Interpret the differences of IS and IT.					
3.2 Identify the importance of database systems.					
3.3 Criticize the usage of IS in different organizations.					
3.4 Plans IS solutions for organizations.					
3.5 Lists INPUT devices.					
3.6 Explains CPU features					
4. will be able to compare programming languages.				13, 9	A
4.1. Explains machine / assembly language.					
4.2. Explains compilers.					
4.3. Lists programming languages with their generations.					
4.4 Evaluates natural language concept.					
5. will be able to explain network topologies.				13, 9	A
5.1. Defines wireless networks.					
5.2. Explains features of wireless networks.					
5.3. Lists network topologies.					
5.4 Lists network hardware.					
Teaching Methods	13: Case Study Method, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Definition of MIS, data, information, knowledge and other concepts.	Related chapter in the course book should be read.			
2	Types of Information Systems (IS)	Related chapter in the course book should be read.			
3	Information Systems, Organizations and Strategy	Related chapter in the course book should be read.			
4	Information Systems Hardware	Related chapter in the course book should be read.			
5	Information Systems Software	Related chapter in the course book should be read.			
6	Database Management and Systems	Related chapter in the course book should be read.			
7	Computer Networks	Related chapter in the course book should be read.			
9	Internet and WWW	Related chapter in the course book should be read.			
10	Information Systems for Operational level	Related chapter in the course book should be read.			
11	E- Commerce: Digital markets, goods and services	Related chapter in the course book should be read.			
12	Decision support systems in organizations	Related chapter in the course book should be read.			
13	Improving systems and management of change	Related chapter in the course book should be read.			
14	Project management: Generating value for organisation by Information Systems and management of change.	Related chapter in the course book should be read.			
Evaluation Methods			Weight(%)		
(Midterm Exam) Homework			%50		
Midterm Exam			40		
(General Exam) Homework			%50		

General Exam

60

Resources

Laudon, K. C., & Laudon, J. P. (2021). Management Information Systems: Managing the Digital Firm. Pearson. 17th Edition

Management Information Systems (12th Edition) , by Kenneth C. Laudon (Author), Carol Guercio Traver (Author), Prentice HallBusiness Driven Information Systems, Paige Baltzan and Amy Phillips, 2022