

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
INFORMATION SYSTEMS and E-BUSINESS	MIS3112178	Fall Semester	3+0	3	5
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	English				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Elective				
<b>Course Coordinator</b>	Assist.Prof. Recep ÖZSÜRÜNÇ				
<b>Name of Lecturer(s)</b>	Assist.Prof. Recep ÖZSÜRÜNÇ				
<b>Assistant(s)</b>					
<b>Aim</b>	is to learn the information systems of companies, their transformation processes into e-businesses, what kind of stages they go through in the digital transformation process and to understand the appropriate company strategies.				
<b>Course Content</b>	This course contains; Information systems and e-business concepts and other basic concepts,e-business transformation processes,Entry processing and decision support systems,Systems for business functions,Enterprise applications,Information systems and integration,Data Mining processes ,Data Mining processes-continue,Information technologies used in business,Information technologies used in business (continue),Developing Business/IT Strategies,Developing Business/IT Solutions,Security and Ethical Challenges,Enterprise and Global Management of Information Technology.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
1. Will be able to define information systems.			16, 9	A, E	
1.1. Defines the customer relationship management					
1.2. Defines decision support systems.					
1.3. Defines supply chain management					
2. Will be able to define e-business and e-business transformation processes.			16, 9	A, E	
2.1. Defines e-businesses.					
2.2. Defines e-business processes.					
3. Will be able to tell which information systems categories are used for each department of the company.			16, 9	A, E	
3.1. Knows which information systems categories are used for the finance and accounting departments.					
3.2. Knows which information systems categories are used for the marketing department.					
3.3. Knows which information systems categories are used for the human resource management department.					
4. Will be able to give the details about Digital Markets and Digital Goods			16, 9	A, E	
4.1. Knows what are the unique features of digital markets.					
4.2. Knows what are the unique features of digital goods.					
5. Will be able to make the Business Case for Information Systems and Managing Projects			16, 9	A, E	
5.1. Can make Case Analysis for Information Systems.					
5.2. Can make Case Analysis for Project Management.					
<b>Teaching Methods</b>	16: Question - Answer Technique, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam, E: Homework				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Information systems and e-business concepts and other basic concepts				
2	e-business transformation processes				
3	Entry processing and decision support systems				
4	Systems for business functions				
5	Enterprise applications				
6	Information systems and integration				
7	Data Mining processes				
8	Data Mining processes-continue				
9	Information technologies used in business				
10	Information technologies used in business (continue)				
11	Developing Business/IT Strategies				
12	Developing Business/IT Solutions				
13	Security and Ethical Challenges				
14	Enterprise and Global Management of Information Technology				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
(Midterm Exam) Homework		%50			
Midterm Exam		40			
(General Exam) Homework		%50			
General Exam		60			

<b>Resources</b>
Laudon, K. C., & Laudon, J. P. (2021). Management information systems: Managing the digital firm. Pearson Education.O'Brien, J. A., & Marakas, G. M. (2006). Management information systems (Vol. 6). New York, NY, USA: McGraw-Hill Irwin.
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