Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
EM 514	Management Information Systems	1	4	0	0	3	8

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Masters Degree
Objective	The course provides students a fundamental understanding of management information systems concepts and their role in contemporary business. The purpose of the course is to provide students with understanding what is information systems, how the companies in 21st century can gain the competitive advantage by use of IS. The course focus on the key management, organization and technology issues relating to information systems use in business, particularly issues in introduction to the technology concepts underlying modern computing and information management, aligning IS to business strategy, the organization, and business model, and transitioning to digital firm.
Content	1. week : Fundamental concepts of management information 2. week : Organization and management of information systems, 3. week : Strategy, organization design, and effectiveness 4. week : Basic concepts of system analysis 5. week : Introduction to databases and database management and basic concepts 6. week : Enterprise resource planning systems 7. week : Customer relationship management, supply chain management 8. week : Mid term 9. week : Electronic commerce, electronic business, mobility 10. week : Ethics and social responsibility in information systems 11. week : Case studies
References	- Laudon K., Laudon J., Management Information Systems: Managing the Digital Firm (12th Edition), 2011. - Ramakrishnan, Gehrke, Database Management Systems, McGraw Hill, 2003. - Daft, R.L., Organization Theory and Design, , South-Western, 9th edition, 2006. - Kendall K.E., Kendall J.E., System Analysis and Design, Prentice Hall, 2007. - Cases related to topics.

Theory Topics

Week	Weekly Contents
1	Fundamental concepts of management information
2	Organization and management of information system
3	Strategy, organization design, and effectiveness
4	Basic concepts of system analysis
5	Introduction to databases and database management and basic concepts
6	Enterprise resource planning systems
7	Customer relationship management, supply chain management
8	Mid term
9	Electronic commerce, electronic business, mobility

Week	Weekly Contents
10	Ethics and social responsibility in information systems
11	Case studies

Week	Weekly Contents