

NEU, Department of Computer Information Systems

Course Unit Title	Management Information Systems	
Course Unit Code	CIS 411	
Type of Course Unit	Compulsory	
Level of Course Unit	Bachelor's degree	
National Credits	3	
Number of ECTS Credits Allocated	7 ECTS	
Theoretical (hour/week)	2	
Practice (hour/week)	1	
Laboratory (hour/week)	1	
Year of Study	4	
Semester when the course unit is delivered	2	
Course Coordinator	Assoc.Prof.Dr. Nadire Cavus	
Name of Lecturer (s)	Ahmet Hızlı	
Name of Assistant (s)	Bora Öktekin	
Mode of Delivery	Lecturing E-learning activities	
Language of Instruction	English	
Prerequisites and co-requisites	CIS 386	
Recommended Optional Programme Components	Basic background on database	
Objectives of the Course:		
<p>This course gives general knowledge for about management information systems and their subsystems. Management information systems are strategy and action. In this course, students take discussed strategy side. So after define of management information systems and subsystems, students discuss the organization types, system and models, and decision making.</p>		
Learning Outcomes		
When this course has been completed the student should be able to		Assessment.
1	Learn the basic terminology of management information systems	1
2	Learn the management information systems strategy	1
3	Learn the organization types, models, and decision making techniques	2
Assessment Methods: 1. Written Exam, 2. Assignment 3. Project/Report, 4.Presentation, 5 Lab. Work		
Course's Contribution to Program		
		CL
1	Apply computer technology to address business information system needs.	3
2	Demonstrate a deeper understanding of at least one area of computing, such as programming, networking, technical support or web technology, enabling the student to gain employment in the information systems field.	3
3	Demonstrate critical thinking in understanding, evaluating and applying technology solutions to real life problems.	4
4	Demonstrate familiarity with e-commerce resources, tools, including web programming, publishing,	2
5	Articulate ethical and professional standards to the use of computer information systems and computer based data.	4
6	Effectively use personal, interpersonal and communication skills in team work, time management in projects and self-learning.	5
7	Grow professionally through continuing education, research and development, and involvement in professional activities to recognize the need to engage in continuing professional development and lifelong learning.	3

8	Identify, analyze and develop solutions for information systems-related business problems/opportunities.	5
9	Demonstrate knowledge of current information, theories and models, and techniques and practices in all of the major business disciplines including the general areas in information technologies.	1
CL: Contribution Level (1: Very Low, 2: Low, 3: Moderate 4: High, 5:Very High)		

Course Contents			
Week	Chapter		Exams
1	1	Definition of C.B.I.S.	
2	2	Transaction processing system. Discussing case.	
3	2	Transaction processing system. Discussing case.	
4	2	Transaction processing system. Discussing case.	
5	3	Information reporting systems	
6	4	Decision support systems- Office information system	
7	5	Decision support systems- Office information system	
8	6	Discussing case – People and organization	
9			Midterm
10	6	Discussing case – People and organization	
11	7	Discussing case – People and organization	
12	8	Systems and models	
13	9	Management and decision making for information systems	
14			Quiz
15			Final

Recommended Sources

Textbook: Management Information Systems, C. Parker, T. Case , ISBN 0-07-048573-9, Publisher: McGraw-Hill

Supplementary Material (s): Management Information Systems: Managing the Digital Firm 13th Nintendo, 2013, Ken Laudon , Jane P. Laudon, ISBN-13: 978-0133050691 ISBN-10: 0133050696

Assessment

Attendance & Assignment	10%	
Midterm Exam (Written)	40%	
Quiz (Written)	-	
Final Exam (Written)	50%	
Total	100%	

ECTS Allocated Based on the Student Workload

Activities	Number	Duration (hour)	Total Workload(hour)
Course duration in class (including the Exam week)	15	4	60
Tutorials	4	9	36
Assignments	6	5	30
Project/Presentation/Report Writing	1	15	15
E-learning Activities	-	-	-
Quizzes	2	1	2
Midterm Examination	1	2	2
Final Examination	1	2	2

Self-Study	7	8	63
Total Workload			210
Total Workload/30 (h)			7
ECTS Credit of the Course			7