AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF SOCIAL SCIENCES
MANAGEMENT INFORMATION SYSTEMS
MANAGEMENT INFORMATION SYSTEMS
MANAGEMENT INFORMATION SYSTEMS MASTER
COURSE INFORMATION FORM

Course Title		Information Systems Design and Management							
Course Code		MIS509		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	7	Workload	179 *(Hours)*	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		To teach students how to handle a system analysis and design project from starting to the end. Scientific methids to follow will be discussed and students will be working on a term project to apply their learnings.							
Course Content		In this class; system analysis techniques, system development techniques, phases to be realized for this purpose and what needs to be done in each phase will be processed. Computer aided system analysis and design tools derste will be used. Students will analyze and develop a system that can be used or used in real life in groups by following the phases mentioned below. 1) Doing Existing Systems Research 2) Gaining the experience of collecting information 3) Communicating with People in the System 4) Analyzing the System 5) Designing a New System 6) Creating Process and Databases of New System							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods		Explanation (Presentation), Discussion, Case Study							
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	System Analysis and Design, Kenneth E. Kendall & Julie e. Kendall, Prentice Hall, 2002
2	Modern Systems Analysis and Design, J.S.Valacich&J.F. George & J. Hoffer, Prentice Hall
3	Systems Analysis and Design Methods, Jeffrey L. Whitten, Lonnie D. Bentley & Kevin Dittman
4	Systems Analysis and Design for the Global Enterprise, Lonnie D. Bentley & Jeffrey L. Whitten

Week	Weekly Detailed Course Contents	
1	Theoretical	Modern Systems Analysis and Design
2	Theoretical	Information Systems Capabilities
3	Theoretical	Identifying Information System Projects
4	Theoretical	Systems Development Methodologies
5	Theoretical	Project Proposal Presentations
6	Theoretical	The Systems Analysis Process
7	Theoretical	The Systems Analysis Techniques
8	Theoretical	Process Modeling
9	Intermediate Exam	Midterm Exam
10	Intermediate Exam	Midterm Exam
11	Theoretical	Data Modeling
12	Theoretical	System Design
13	Theoretical	Information System Project Management
14	Theoretical	Project Presentations
15	Final Exam	Final Exam
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	16	0	3	48

Assignment	13	2	0	26
Project	1	22	0	22
Individual Work	16	0	3	48
Quiz	2	0	5	10
Midterm Examination	1	0	10	10
Final Examination	1	0	15	15
			Total Workload (Hours)	179
			[Total Workload (Hours) / 25*] = **ECTS**	7
25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Application of different methods and techniques used in system analysis and development to real life projects
2	Identification of phases involved in system development life cycle and interpretation of activities
3	It is aimed to apply the whole course content for the analysis and development of a system to be used in real life throughout the semester.
4	Definition and naming of system concept and its related terminology
5	System resolution with system analysis
6	Detailed examination and identification of the phases to be monitored for the development of new systems

Programme Outcomes *(Management Information Systems Master)*

1	Be aware of the different types of ınformation technologies and systems using in business, have enough knowledge to design a suitable system
2	Analyse the needs for an information systems and have control over the processes at the analysis, design and implementation stages of the database that belongs to the system
3	Convey information about current trends and their own studies both verbally and visually ways.
4	Be able to follow current developments in modern business techniques and technologies, especially information technologies
5	Understand the interaction between his departmant and other relational departmants, if necessary make a team, take responsibility and do the works with team.
6	Know the information technologies and systems using in different types of business, if necessary take the system responsibility.
7	Be aware of the social transformation especially in their own field and social, legal and moral responsbilities belongs to other work field.
8	Develop their knowledge to the level of expertise which they learn them in license level.
9	Carry out a work which requires an expertness in their field.
10	Construct and perform an academic work.

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5	L6
P1	4	4	4	4	4	4
P2	5	5	5	5	5	5
P3	5	5	5	5	5	5
P4	5	5	5	5	5	5
P5	5	5	5	5	5	5
P6	5	4	5	5	4	5
P7	5	4		5	4	5
P8	5		4	5		
P9	5	5	4	4	5	5
P10	5	5	4	4	5	5