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

Course Title	Management Support Systems								
Course Code	MIS525		Couse Level		Second Cycle (Master's Degree)				
ECTS Credit	7	Workload	181 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Teaching decision support systems. This derTe is designed for students to design and implement computer based systems that will provide support to management decisions in semi-structured and non-structured forms.								
Course Content	Global change, institutional change and decision support systems, general characteristics of decision support systems, structure and components of decision support systems, design of a new decision support system, web technologies and group decision support, E-Commerce, group decision support systems, executive decision support systems , expert systems, OLAP, Excell application decision support system - pivot table application, manufacturing decision support systems applications								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study, Project Based Study, Individual Study, Problem Solving								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	.Turban, E., Aronson, J., Decision Support and Intelligent Systems, fifth ed. Prentice-Hall, 1998.
2	Olson, D.l., J.f. Courtney, Decision Support Systems and Expert Systems. Maxwell Macmillan1992.

Week	Weekly Detailed Course Contents	
1	Theoretical	An overview of management support systems
2	Theoretical	Decision makers, decision making and systems
3	Theoretical	Modeling and Decision Support
4	Theoretical	Decision support systems - Data Management, Model Management, Interface Management
5	Theoretical	Decision support systems - Data Management, Model Management, Interface Management
6	Theoretical	Group decision support systems
7	Theoretical	Corporate Decision Support Systems
8	Intermediate Exam	MIDTERM
9	Theoretical	Decision support and artificial intelligence
10	Theoretical	Artificial Intelligence and Expert Systems
11	Theoretical	Executive Decision Support Systems
12	Theoretical	Data base, data warehouse, knowledge base
13	Theoretical	Cube building and data analysis with OLAP, visualization of data
14	Theoretical	Decision support today and tomorrow
15	Final Exam	Final

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	16	3	3	96
Individual Work	16	2	3	80

Final Examination	1	1	4	5
			Total Workload (Hours)	181
			[Total Workload (Hours) / 25*] = **ECTS**	7
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Be able to use and improve the tools and methods of decision support systems.
2	Synthesis of technologies used in decision support systems.
3	Apply and analyze methods for design, development and implementation of decision support systems
4	To be able to evaluate the selection of the technologies used in the creation of decision support systems.
5	Identify and evaluate opportunities for developing decision support 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
P1	5	5	4	4	4
P2	5			5	5
P3	5	5	4	5	5
P4	5	5	4	5	4
P5	5	5	4		4
P6	5	5	5	5	4
P7	5	5	5	5	4
P8	5	5	5	5	4
P9	5	5	4	5	5
P10	5	5	4	5	5