



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

Course Title	Web Applications								
Course Code	MIS514	Course Level			Second Cycle (Master's Degree)				
ECTS Credit	7	Workload	181 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	To teach the improvements of web technologies (web 1.0, 2.0, 3.0) , learn what is CC and Java Script and how to set them while they are working in harmony with technology, to gain the skills for using the basic HTML commands, to prepare fast and efficient web pages with ASP.NET and finally meet the students with a new technology using for semantic which is needed to prepare XML and Web Services.								
Course Content	Web technologies, basic HTML commands, CSS, Java Script, IIS7, ASP.NET, XML, web services, semantic web.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Project Based Study, Individual Study								
Name of Lecturer(s)									

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

Recommended or Required Reading	
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Week	Weekly Detailed Course Contents	
1	Theoretical	Web Technologies
2	Theoretical	Basic HTML Commands (Without Editor)
3	Theoretical	Basic HTML Commands (With Editor)
4	Theoretical	CSS
5	Theoretical	Java Script
6	Theoretical	Web Servers
7	Theoretical	ASP.NET
8	Theoretical	ASP.NET
9	Intermediate Exam	Midterm Exam
10	Intermediate Exam	Midterm Exam
11	Theoretical	Application Project
12	Theoretical	Java Server Faces
13	Theoretical	XML
14	Theoretical	Web Servers
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	1	0	20	20
Individual Work	26	0	3	78
Quiz	2	0	5	10
Midterm Examination	1	0	10	10



Final Examination	1	0	15	15
			Total Workload (Hours)	181
			[Total Workload (Hours) / 25*] = ECTS	7
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Students have enough information to discuss about web technologies.
2	Students can use basic HTML commands with or without editor.
3	Students can effect his/her own web pages helping with CSS and add interactions with Java Script.
4	Can publish his/her own web pages on the internet.
5	To prepare fast and efficient we pages with ASP.NET.
6	Can use XML technology and web services to provide tie interaction between his/her own web pages and the other ones
7	Students are knowledgeable about semantic web technology which is the future of the web.

### Programme Outcomes (Management Information Systems Master)

1	Be aware of the different types of information 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 department and other relational departments, 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 responsibilities 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	L7
P1	4	4	5	4	4	5	4
P2	5	4	5	5	4	5	4
P3	5	4	4	5	4		4
P4	5	4	4	4	4	4	4
P5	5	4	4	4	5	4	4
P6	5	4	5	4	5	4	4
P7	4	4	5	5	5	4	4
P8	4	5	5		5	4	4
P9	4	5	5	5	5	4	4
P10	4	5	5	5	5	4	4

