

## WEB BASED PROGRAMING

1	Course Title:	WEB BASED PROGRAMING
2	Course Code:	BIL3103
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	5
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç.Dr. ADEM UZUN
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	denim
17	Website:	www.uzaktanogren.ademuzun.com
18	Objective of the Course:	The purpose of this course is to give teacher candidates basics of web programming and provide them ability to develop dynamic web sites.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Explains basic concepts of web based programming.
	2	Compares different dynamic web site development platforms
	3	Designs and develops a web site with ASP .NET
	4	Manages and maintains authentication data of users with ASP .NET
	5	Develops database web applications with ASP .NET
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21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
1	Basic concepts of web programming	Discussing the concepts of HTML, CSS, JavaScript, and XML.
2	Introduction to ASP .NET	Comparing ASP .NET technologies with other similar platforms.
3	Master Pages in ASP .NET	Applications of Master Pages.
4	Navigation in ASP .NET	Applications of navigation.

<b>5</b>	Using Themes in ASP .NET	Themes applications
<b>6</b>	Using Skin in ASP .NET	Applications of skin
<b>7</b>	Security in ASP .NET	Login, LoginView, LoginStatus and LoginName controls
<b>8</b>	Security in ASP .NET	CreateUserWisard, PasswordRecovery and ChangePassword controls
<b>9</b>	Security in ASP .NET	Managing access rights using roles
<b>10</b>	Security in ASP .NET	Managing users with codes using Membership and User classes
<b>11</b>	Database applications in ASP .NET	Drag and drop and GridView applications
<b>12</b>	Database applications in ASP .NET	DataSet Designer applications
<b>13</b>	A web site example	Designing and developing the example web site
<b>14</b>	A web site example	Designing and developing the example web site

22	Textbooks, References and/or Other Materials:	Asp .Net 2, 2006, Zafer Demirkol, Pusula Yayıncılık Adım Adım Microsoft Asp .Net 2002, Arkadaş Yayınevi ASP .NET 2005, 2005, Yüksel İnan, Nihat Demirli, Palme Yayıncılık
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical Contribution of Term (Year) Learning Activities to	40.00	3.00	42.00
Practicals/Labs	14	2.00	28.00
Contribution of Field Exam to Success Grade	60.00	2.00	28.00
Self study and preparation			
Homeworks	0	0.00	0.00
Projects			
Measurement and Evaluation Techniques Used in the	0	0.00	0.00
Field Studies	0	0.00	0.00

24. ECTS / WORK LOAD TABLE			
Midterm exams	1	16.00	16.00
Others	3	12.00	36.00
Final Exams	1	30.00	30.00
Total Work Load			180.00
Total work load/ 30 hr			6.00
ECTS Credit of the Course			5.00

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ÖK5	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contrib ution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							