

## WEB BASED PROGRAMMING

1	Course Title:	WEB BASED PROGRAMMING
2	Course Code:	IYZ4203
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	4
6	Semester:	7
7	ECTS Credits Allocated:	3.00
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. MELİH ENGİN
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Dr. Öğretim Üyesi Melih ENGİN melihengin@uludag.edu.tr 0224 294 26 95
17	Website:	
18	Objective of the Course:	Web-based programming concepts (HTML, JS, CSS, XML), dynamic website development platforms, introduction to programming (PHP), variables, constants, arrays, functions used in programs (character, numeric, logical, date, etc.), Programs flow control statements (if, switch, case, etc.) and the use of loop statements and use (do-while, for, loop, etc.), server and environment variables and use, Web site design, database applications (MySQL).
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To explain the basic concepts of Web-based programming
	2	To compare with other dynamic website ASP .NET development platform
	3	To design a website with ASP .NET
	4	To Manage ASP .NET user information
	5	to develop ASP .NET database applications
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21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
1	Web-based programming basic concepts	HTML, CSS, JavaScript, XML concepts discussion
2	ASP .NET basic concepts	Comparison of other dynamic website with ASP .NET development platform

<b>3</b>	ASP .NET master page usage	ASP .NET application master page
<b>4</b>	navigation within ASP .NET in site	ASP .NET applications within site navigation
<b>5</b>	Web service creation and execution	ASP .NET applications themes
<b>6</b>	Xml file operations	ASP .NET skin applications
<b>7</b>	Web User Control and use of MasterPage	Log in, LoginView, LoginStatus and LoginName controls
<b>8</b>	Use sitemap	CreateUserWizard, and ChangePassword controls Password Recovery
<b>9</b>	security in ASP .NET	The management of access rights and roles Sites
<b>10</b>	The use of Ajax object	Managing user codes with Membership and User objects
<b>11</b>	security	Drag-and-drop and use GridView
<b>12</b>	Database	Design use dataset
<b>13</b>	An example of a dynamic website with ASP .NET	Project development
<b>14</b>	An example of a dynamic website with ASP .NET	Project development

22	Textbooks, References and/or Other Materials:	
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
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Midterm Exam	1	40.00
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Quiz	0	0.00
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Activites	Number	Duration (hour)	Total Work Load (hour)

Theoretical	2	100.00	2.00	28.00
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Practicals/Labs	14	2.00	28.00
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Self study and preparation	0	0.00	0.00
Contribution of Final Exam to Success Grade	60.00		

Homeworks	0	0.00	0.00
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Total Projects	100.00	0.00	0.00
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Field Studies	0	0.00	0.00
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Midterm exams	1	20.00	20.00
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Others	0	0.00	0.00
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Final Exams	1	20.00	20.00
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Total Work Load			96.00
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Total work load/ 30 hr			3.20
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ECTS Credit of the Course			3.00
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS
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ÖK5	0	0	3	3	0	3	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							