

INTERNET PROGRAMMING II

1	Course Title:	INTERNET PROGRAMMING II	
2	Course Code:	BTP204	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
5	Year of Study:	2	
6	Semester:	4	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	2	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr. Gör. NEBİ SEREN	
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.	
16	Contact information of the Course Coordinator:	Öğr. Gör. Nebi SEREN nseren@gmail.com 0532 788 75 40	
17	Website:		
18	Objective of the Course:	Earning enough information for preparing detailed web sites in advanced degree, Having enough information for preparing dynamic web sites.	
19	Contribution of the Course to Professional Development:	To apply general programming rules in internet based applications and to develop internet based programs and applications that serve the end user.	
20	Learning Outcomes:		
		1	Understands the importance of preventing improper input from users, and applies in design
		2	Can transfer data between pages
		3	Knows the difference between DataSet and SQLDataSource objects and can choose between them according to the needs
		4	Can perform Database tasks via DataSet object
		5	Can use navigation objects and organize navigation within the website
		6	Can create pages with user login
		7	Can implement user authorization
		8	Can create pages that appear differently according to user roles(authorizations)
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Using Validation objects, Limiting user inputs	Preventing user from leaving an empty field or from entering an invalid e-mail address, or from entering a value out of range	

2	Transferring data between pages	Examples like, Selecting a book in one page and viewing the book details in another
3	Creating a DataSet, Creating DataSet Queries and differences between SQLDataSource and DataSet	Creating a DataSet and its Queries
4	Retrieving data via DataSet, "TableAdapter" concept and "For Each" loop	Combining and presenting scattered data like upcoming return dates for books, late fees and latest book additions to the library
5	Data input, update and delete processes via DataSet	Inputting, updating and deleting data via DataSet
6	Navigation with Menu, SiteMap and TreeView objects and the advantages of organizing the menu on master page over ordinary hyperlinks	Creating Masterpage on navigation
7	Disadvantages of organizing the menu on master page over ordinary hyperlinks	Creating Masterpage on navigation
8	Creating a login page with login object and personalization of the login page	Creating and personalizing the login page
9	Creating the change password and Lost Password pages with available login objects	Creating the change password and Lost Password pages
10	Using Loginview, Loginname when creating a page	Simple page entrance sample.
11	Properties and the use of LoginView, LoginName and LoginStatus objects, Creating a page according to user roles with LoginView object	Showing the username on page, creating the login, logout links, Creating alternating Menu's according to user roles
12	Creating new user and deleting users with	Creating a User management page for Site Admin and

Activites			Number	Duration (hour)	Total Work Load (hour)
14	Regulating the page access rules via GUI and web.config file	Regulating the page access rules via GUI and web.config file	2.00	2.00	2.00
Practicals/Labs			14	2.00	28.00
22	Textbooks, References and/or Other Study and preparation Materials	Lecture notes	0.00	0.00	0.00
Homeworks			0	0.00	0.00
Projects			0	0.00	0.00
TERM I LEARNING ACTIVITIES			NUMBER	WEIGHT	
Field Studies			0	0.00	0.00
Midterm Exams		1	30.00	12.00	12.00
Others			1	5.00	5.00
Final Exam		0	0.00	14.00	14.00
Total Work Load					87.00
Total work load/ 30 hr		3	100.00		2.90
ECTS Credit of the Course					3.00
Success Grade					
Contribution of Final Exam to Success Grade			60.00		
Total			100.00		
Measurement and Evaluation Techniques Used in the Course			Measurement and evaluation is carried out according to the principles of Bursa uludag University Associate and Undergraduate Education Regulation.		
24	ECTS / WORK LOAD TABLE				

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	4	2	1	0	4	0	4	2	0	0	0	0	0	0	0

ÖK2	5	4	2	1	4	0	0	0	0	0	0	0	0	0	0	0
ÖK3	3	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
ÖK4	3	2	0	1	2	0	0	0	0	0	0	0	0	0	0	0
ÖK5	3	2	0	1	2	0	0	0	0	0	0	0	0	0	0	0
ÖK6	3	2	1	1	2	0	0	0	0	0	0	0	0	0	0	0
ÖK7	4	2	2	1	3	0	0	0	0	0	0	0	0	0	0	0
ÖK8	3	2	3	1	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			