INTERNET PROGRAMMING I

1	Course Title:	INTERNET PROGRAMMING I	
2	Course Code:	BLPZ233	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
5	Year of Study:	2	
6	Semester:	3	
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. UĞUR FINDIKOĞLU	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	nseren@gmail.com 0532 788 75 40	
17	Website:		
18	Objective of the Course:	Basic programming knowledge required to prepare a Web site, this course will be given possession of the concept of the Internet and web technologies, in particular theoretical and practical approaches are examined and related to these technologies in web programming skills to gain by using the programs.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Can install the application software and recognizes the GUI
		2	Has a general idea about web programming languages
		3	Knows and can use the variables, constants and operators in programming language
		4	Can create and edit Masterpage and CSS files
		5	Can use common design objects like Textbox, DropDownList or Listbox effectively
		6	Can use decision and loop mechanisms as the program needs and can form algorithms
		7	Can create and use Sub Routines and Functions
		8	Can pull data from database to WebForm, Can retrieve, edit, insert or delete data from database via WebForm
		9	
		10	
21	Course Content:		

Course Content:

Week	Theoretical	Practice
1	Introduction to Internet Programming, Softwares to be used and the platform to be used throughout the course	Setting up up testing the application software

2	Basic concepts (html, asp, asp.NET, php, java, javascript) Page templates and styles (Masterpage, CSS)	Creating and including Webform, Masterpage and CSS files and over viewing the codes within
3	Common objects (Button, TextBox, DropDownList, ListBox, CheckBox, RadioButton, Gridview etc.)	Changing object properties with codes (Like disabling a button in case of a wrong password)
4	Common properties of objects (Text, Width, BackColor, AutoPostBack, TextMode etc.)	Examples of utilizing design objects (Like adding lines to a Listbox according to user selection)
5	Variables, Arrays, Constants and Operators	Examples with simple math operations and simple text methods (Like calculating the perimeter of a circle with the diameter given, or showing the number of letters of a given text on the page
6	Control Structures	Examples of Control Structure use
7	Repeat the subjects and mid term exam	Repeating courses and midterm exam
8	Loop Structures	Examples of Loop Structures
9	Use of Function and Sub Routines and its advantages	Examples of use of Function and/or Sub Routines (Like coding a sub routine that clears all textboxes and calling the this sub from multiple button events)
10	Creating a Database connection and retrieving data from a single table	Creating a database and retrieving data from a single table to a GridView (At this stage choosing a project like “Keeping library records” or “Bus ticket sale” and developing step by step in later lessons will help the students to relate)
11	Repeating courses and quiz	Repeating courses and quiz
12	Retrieving related data from multiple tables, Limiting the data by the parameters selected by the user	Retrieving data from related tables like “Books-Authors” and limiting the results by Author and/or Publish date which is selected by user
13	Inserting, Updating and Deleting Data from a database	Examples of inserting, updating and deleting data
14	Creating a search page with multiple parameters	Creating a search page with multiple parameters like “Title, Author, Publish Date, and Keywords”

22	Textbooks, References and/or Other Materials:	Lecture notes, prepared by the teaching staff.
23	Assesment	

TERM LEARNING ACTIVITIES	**NUMBER**	**WEIGHT**
Midterm Exam	1	35.00
Quiz	1	5.00
Home work-project	1	10.00
Final Exam	1	50.00
Total	4	100.00
Contribution of Term (Year) Learning Activities to Success Grade		50.00
Contribution of Final Exam to Success Grade		50.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		

24	**ECTS / WORK LOAD TABLE**

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	14	3.00	42.00
Homeworks	1	10.00	10.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	4.00	4.00
Others	1	2.00	2.00
Final Exams	1	5.00	5.00
Total Work Load			119.00
Total work load/ 30 hr			3.97
ECTS Credit of the Course			3.00

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

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	**1 very low**	**2 low**	**3 Medium**	**4 High**	**5 Very High**