Course Syllabus

Code - Course Title	**BİL206U - Y**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	Öğr. Gör. Dr. Hüseyin GÜNDÜZ

Mode of Delivery	Distance Learning
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	None.
Recommended Resources	None.
Work Placement	There is no internship or practice for this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		The Birth of Web 2.0 Technology	
Week - 2		Web 2.0 Supported Server	
Week - 3		Basic Concepts: Variables, Constants, Expression and Operators, Arrays and Conditional Expressions	
Week - 4		Flow Control Structures	
Week - 5		Midterm Exam Question Solution 1	
Week - 6		Midterm Exam Question Solution 2	
Week - 7		Midterm Exam	
Week - 8		Built-In Functions in PHP	
Week - 9		User Defined Functions in PHP	
Week - 10		Data Entry Operations	
Week - 11		Database Operations	
Week - 12		Final Exam Question Solution 1	
Week - 13		Final Exam Question Solution 2	
Week - 14		Final Exam	

Learning Outcomes

#	Learning Outcome
1	Explain the birth of the web
2	Distinguish between web technologies, web applications, mobile applications and websites
3	Comprehending the development of web technologies
4	To be able to explain the reflections of social media platforms on daily life
5	To understand the working logic of server-side web applications
6	Ability to request dynamic/static pages in server-side web applications
7	Explain the architecture of web applications
8	Familiarity with PHP programming language
9	Explain the history of PHP programming language from past to present.
10	Be able to recognize common uses of PHP programming language
11	Ability to install XMPP web server on Windows systems
12	Explain the configuration of PHP
13	To be able to exemplify the concepts of variable and constant
14	To understand the properties of expressions and operators
15	Being able to exemplify the use of arrays with different properties
16	Using conditional statements
17	Ability to use PHP programming language-specific loop structures
18	Ability to use PHP programming language-specific control structures
19	To be able to explain the concept of holding and processing variables
20	Ability to list variable holding and manipulation functions in PHP
21	Ability to use variable holding and manipulation functions in PHP
22	Ability to list string functions in PHP
23	Expressing the purpose of using string functions in PHP
24	Using string functions in PHP
25	Ability to list math functions in PHP
26	To be able to express the purpose of using mathematical functions in PHP
27	Ability to use math functions in PHP
28	Ability to list array functions in PHP
29	Being able to express the purpose of using array functions in PHP
30	Ability to use array functions in PHP
31	Expressing the purpose of the Return command in PHP
32	Ability to use the Return command in PHP
33	Being able to express the purpose of using functions with arguments in PHP
34	Ability to express the intended use of arguments with a default value in PHP
35	Ability to use functions with arguments in PHP
36	Ability to use functions within a function in PHP
37	Ability to use recursive functions in PHP
38	Being able to express the use of include and require codes in PHP

Learning Outcomes

#	Learning Outcome
39	Ability to use include and require codes in PHP
40	To be able to explain data types and usage stages according to media types
41	Sorting the usage parameters of different form objects in data entry
42	Ability to distinguish between variable types and functions of different parameters in the input tag
43	Understanding the logic of sending data between pages with html link tag
44	Ability to send/receive data between pages with Session
45	To be able to explain receiving data as variables in PHP according to different data sending types.
46	To understand the advantages and disadvantages between data transmission types
47	To be able to comprehend the concepts of database, table, field and record and their creation methods
48	Temel veritabanı SQL işlem yapıları ile görevlerini açıklayabilme
49	Ability to add, update and delete data to the database

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	70
	Sum (%)	**100**