

	Bakı Mühəndislik Universiteti		Fənn sillabusu
Sənədin kodu: BEU-FR-001-EN	Təsdiq tarixi:	Revizya olunma № / Tarixi:	Səhifə № 1/2

SYLLABUS

Approved by
Head of department

" ____ " _____ 20

Course Content	Faculty:	Engineering			
	Department:	Computer and Information technologies			
	Speciality(ies)/Course(s):	Computer Engineering / Information Technologies / 3			
	Subject code and name:	COMP 328, IT 338 / Internet Technologies / PHP			
	Education Year - Semester	2022 – 2023 / 2			
	Level:	bachelor			
	Language:	En			
	Compulsory / Elective:	Elective			
	Prerequisite:				
	Instructors:	Rasim Mahmudov			
	Email:	ramahmudov@beu.edu.az			
	Phone:	+99455-705-92-89			
	Consulting Hours and place:	Wednesday, 12:00 - 14:00, Place: 312			
Subject hours				Credits	
Theory	Seminar	Laboratory	Total	Credit	ECTS
2	2		4	6	
Learning Objectives:	The course will use a "learn by doing" approach. Fifteen (15) lessons will be posted containing both a lecture and lab assignment. The lecture will explain a specific topic, and then the lab assignment will ask students to implement the PHP topic on their assigned web pages. At the start of the course, each student will also use one of the many free hosting sites to publish a simple web page. As the class progresses, students will add PHP to the outside web page with each lesson. By the end of the course, when all lessons are completed, each student will have their own PHP packed web page, proudly published on the World Wide Web.				
Learning Outcomes and Competences:	The intention is for the student to be able to: 1. Demonstrate the concepts of server-side web applications. 2. Demonstrate how to create and maintain dynamically driven websites. 3. Demonstrate the implementation of PHP into current HTML based websites.				
Text books and/or References:	php_cookbook, php_tutorial, php_w3schools pdf materials				
Assessment Criteria		Student workload	Methods	Percent	
		Midterm Activity -1	Task/Quiz	15%	
		Midterm Activity -2	Task/Quiz	15%	
		Attendance	-	10%	
		Midterm Individual Activity	Task/Quiz	10%	
		Laboratory Work	-	-	
		Final Exam	Quiz	50%	
Week	Subjects		Theory	Seminar	Laboratory
1	Introduction to PHP Installation of Apache web server, Evaluation of PHP, Basic Syntax, Defining variable and constant, PHP Data type, Operator and Expression.		2	2	

2	Decisions and Loop Making Decisions, Doing Repetitive task with looping, Mixing Decisions and looping with Html.	2	2	
3	Functions (Built-in and user defined) What is a function, define a function, call by value and call by reference, creating and accessing String functions, Math functions .etc	2	2	
4	Arrays Creating index based and Associative array Accessing array, Element Looping with Index based array, Looping with associative array using each () and foreach()	2	2	
5	Handling Html Form with PHP Capturing Form, POST, GET methods redirecting a form after submission.	2	2	
6	Working with file and Directories Understanding file& directory, Opening and closing, a file, Coping, renaming and deleting a file, Creating and deleting folder, File Uploading & Downloading.	2	2	
7	Session and Cookie Using cookies with sessions, deleting cookies, Registering Session variables, destroying the variables and Session.	2	2	
8	Database Connectivity with MySQL Introduction to RDBMS, Connection with MySQL Database, Performing basic database Operation (DML) (Insert, Delete, Update, Select	2	2	
9	Exception Handling Understanding Exception and error, Try, catch, throw. Error tracking and debugging	2	2	
10	AJAX with PHP Introduction to jQuery and Ajax function	2	2	
11	Secure PHP Programming Secure database connection and CRUD operations, explaining of .htaccess file	2	2	
12	Real-time chat application with MySQL Creating chat app using both front and back-end	2	2	
13	Dashboard Creating dashboard for ready website	2	2	
14	Publishing local website to the public Getting free/paid hosting and domain and getting ready configuration for a website.	2	2	
15	Repetition all previous topics	2	2	

Evaluation criteria:

91 – 100 grades	excellent	A
81 – 90 grades	very good	B
71 – 80 grades	good	C
61 – 70 grades	sufficient	D
51 – 60 grades	satisfactory	E
<51 grades	unsufficient	F

Instructor: Rasim Mahmudov

(Name, surname, middle name)

Signature:

Date : 07.02.22