Module (Course Syllabus) Catalogue

2023-2024

College/ Institute	Khabat Technical Institute
Department	Information Technology
Module Name	Web Programing
Module Code	WEP303
Degree	Technical Diploma ● Bachler ☐ High Diploma ☐ Master ☐ PhD ☐
Semester	3
Qualification	M.Sc.IT
Scientific Title	Assistant Lecturer
ECTS (Credits)	6
Module type	Prerequisite ☐ Core ● Assist. ☐
Weekly hours	4	
Weekly hours (Theory)	(2)hr Class	(3)Total hrsWorkload
Weekly hours (Practical)	(2)hr Class	(1)Total hrsWorkload
Number of Weeks	12
Lecturer (Theory)	Srood Jalal O thman
E-Mail & Mobile NO.	srood.othman@epu.edu.iq
Lecturer (Practical)	Srood Jalal O thman
E-Mail & Mobile NO.	srood.othman@epu.edu.iq
Websites	https:// epu.edu.iq

Course Book

Course Description	PHP (Hypertext Pre-processor) is known as a general-purpose scripting language that can be used to develop dynamic and interactive websites. It was among the first server-side languages that could be embedded into HTML, making it easier to add functionality to web pages without needing to call external files for data.
Course objectives	• Understand how server-side programming works on the web. • PHP Basic syntax for variable types and calculations. • Creating conditional structures • Storing data in arrays • Using PHP built-in functions and creating custom functions • Understanding POST and GET in form submission. • How to receive and process form submission data. • Reading and writing cookies. • Security tips (i.e. SQL Injection) • Create a database in phpMyAdmin. • Read and process data in a MySQL database.
Student's obligation	Students must every week have review on lectures, use resources for more information and practice all subjects, and must implement all duties which give them by lecturer individually and in groups, like (assignments, seminar, report, homework and quiz).
Required Learning Materials	**Computer, PowerPoint, Data show and white board**

Evaluation	Task		Weight (Marks)	Due Week	Relevant Learning Outcome
	Paper Review				
	Assignments	Homework	5		
		Class Activity	2		
		Report	10		
		Seminar	10		
		Essay			
		Project			
	Quiz		8		
	Lab.		10		
	Midterm Exam		25		
	Final Exam		40		

	Total	100		
Specific learning outcome:	• **Write PHP scripts to handle HTML forms.** • **Write regular expressions including modifiers, operators, and metacharacters.** • **Create PHP programs that use various PHP library functions, and that manipulate files and directories.** • **Analyze and solve various database tasks using the PHP language.** • **Analyze and solve common Web application tasks by writing PHP programs.**			
Course References:	1) **Headfirst PHP & MySQL by Lynn Beighley & Michael Morrison** 2) **www.w3schools.com**			

Course topics (Theory and Practical)	**Week**	**Learning Outcome**
Course overview and Introduction	**1**	
PHP/Introduction	**2**	
Data Types and String Functions	**3**	
Operators	**4**	
Conditional Statements	**5**	
Loops	**6**	
Arrays	**7**	
Forms	**8**	
database	**9 – 12**	

Questions Example Design

Q1/ Choose the correct answers to fill the follow blanks.

1 – variables in PHP starts with the ....

a- #   b- $ c- /   d- Not given

2- In single-line comments you have used ....

a- //   b- /*   c- */   d- Not given

Q2/ What will be the output of the following PHP code?

```php
<?php
$age = 37;
if($age >= 18)
{
   echo "You are not allowed to take driver licenses ";
}
else
{
   echo "you can not take driver licenses ";
}
?>
```

Extra notes:

External Evaluator