

An-Najah National University  
Korean Palestinian IT Institute Of  
Excellence



جامعة النجاح الوطنية  
المعهد الكوري-الفلسطيني المتميز لتكنولوجيا  
المعلومات

---

## PHP & MYSQL Training course

### Prerequisites

- A basic working knowledge of HTML is presumed.
- Some conceptual knowledge of how web servers and web browsers (clients) interact using HTTP
- Good working knowledge of at least one programming language

#	Module
<b>Chapter 0</b>	Overview for HTML
<b>Chapter 1</b>	<p>Introduction to PHP</p> <ul style="list-style-type: none"> <li>➤ History of PHP</li> <li>➤ What is PHP? What is MYSQL?</li> <li>➤ Installing PHP and MYSQL</li> </ul>
<b>Chapter 2</b>	<p>Basic PHP Syntax</p> <ul style="list-style-type: none"> <li>➤ PHP Tags</li> <li>➤ PHP Statements and Whitespace</li> <li>➤ Comments</li> <li>➤ Hello World!</li> <li>➤ Variables</li> <li>➤ Variable Names (Identifiers)</li> <li>➤ Data types</li> <li>➤ PHP &amp; HTML</li> </ul>
<b>Chapter 3</b>	<p>PHP Operators</p> <ul style="list-style-type: none"> <li>➤ Arithmetic Operators</li> <li>➤ Logical Operators</li> <li>➤ Relational (Comparison) Operators</li> </ul>
<b>Chapter 4</b>	<p>Flow Control and loops</p> <ul style="list-style-type: none"> <li>➤ If Conditions</li> <li>➤ Working with Conditions</li> <li>➤ Loops <ul style="list-style-type: none"> <li>○ while</li> <li>○ do...while</li> <li>○ for</li> <li>○ break and continue</li> </ul> </li> </ul>
<b>Chapter 5</b>	<p>working with function</p> <ul style="list-style-type: none"> <li>➤ Defining and Calling Functions</li> <li>➤ Default Values</li> <li>➤ Variable Scope</li> <li>➤ By Reference vs. By Value</li> </ul>

<b>Chapter 6</b>	<p>Working with date/time</p> <ul style="list-style-type: none"> <li>➤ Displaying date and time</li> <li>➤ Parsing date and time</li> </ul>
<b>Chapter 7</b>	<p>Introduction to Arrays</p> <ul style="list-style-type: none"> <li>➤ What are arrays?</li> <li>➤ How and when to use arrays</li> <li>➤ Indexing arrays, numeric and hashes</li> <li>➤ Initialising arrays</li> <li>➤ Using foreach</li> <li>➤ Add/remove elements from arrays</li> <li>➤ One-dimensional arrays</li> </ul>
<b>Chapter 8</b>	<p>PHP and HTML Forms</p> <ul style="list-style-type: none"> <li>➤ How HTML Forms Work</li> <li>➤ A Sample HTML Form</li> <li>➤ Using the form GET method</li> <li>➤ Using the form POST method</li> <li>➤ Form Variables</li> <li>➤ Processing Form Input</li> <li>➤ Using hidden fields</li> <li>➤ Calling pages from themselves using forms</li> <li>➤ Form Validation</li> </ul>
<b>Chapter 9</b>	<p>Including Files</p> <ul style="list-style-type: none"> <li>➤ require</li> <li>➤ include</li> <li>➤ auto_prepend_file and auto_append_file</li> <li>➤ Adding a Header and Footer</li> </ul>
<b>Chapter 10</b>	<p>Database (MYSQL)</p> <ul style="list-style-type: none"> <li>➤ Introduction to database</li> <li>➤ Learning PHPMYADMIN interface</li> </ul>

<b>Chapter 11</b>	learning basic SQL commands <ul style="list-style-type: none"> <li>➤ Learning the MYSQL data types</li> <li>➤ Learning the table creation syntax</li> <li>➤ Using INSERT command</li> <li>➤ Using SELECT command</li> <li>➤ Using WHERE command</li> <li>➤ Using UPDATE command</li> <li>➤ Using DELETE command</li> </ul>
<b>Chapter 12</b>	interacting with MYSQL Using PHP <ul style="list-style-type: none"> <li>➤ mysql_connect</li> <li>➤ mysql_error</li> <li>➤ mysql_select_db</li> <li>➤ Die</li> <li>➤ Inserting Data into a Database</li> <li>➤ Creating Queries</li> <li>➤ Executing Queries</li> <li>➤ Processing the Returned Query Data</li> <li>➤ Updating the Database</li> </ul>
<b>Chapter 13</b>	<ul style="list-style-type: none"> <li>➤ Working with Sessions</li> <li>➤ Security</li> </ul>
<b>Chapter 14</b>	Control Panel
<b>Chapter 15</b>	Privileges
<b>Chapter 16</b>	Hit counter
<b>Chapter 17</b>	File uploads from the browser/user and <code>php.ini</code> file

