



AL MUSANNA COLLEGE OF TECHNOLOGY
Educational Technology Center
Short Term Course - (AY2018 - '19)

Course Name: PHP MySQL Database Introduction	
Pre Requisite : Basic HTML Tags & Database basic concepts	Eligibility: Diploma, Advanced Diploma or Bachelor(any specialization with basic HTML Knowledge)
Introduction: To give students, a brief understanding of programming web interfaces with Database connectivity using PHP and MySQL .	
Objectives: End of this course, you should be able to <ul style="list-style-type: none"> • Understand the basics of PHP and MySQL • Develop your own web interface (PHP Application) that accepts input from user, connects to MySQL Database and create reports • Perform all data definition and manipulation operations in the MySQL Database. 	
Topics	Methodologies
<ol style="list-style-type: none"> 1. Introduction and Overview <ul style="list-style-type: none"> • An Introduction to PHP elements and statements syntax - the sample PHP code • Introduction of XAMPP tool and instruction on how to execute PHP code 2. More programming constructs <ul style="list-style-type: none"> • Looping, Conditional and Relational Statements using PHP • String Operator, Functions & Arrays – basic level • HTML Forms –and Connectivity from forms to PHP program for background processing 3. Introduction to MySQL Database: The second session is an Introduction to MySQL Database <ul style="list-style-type: none"> • Basic Database Concepts & SQL (Detailed explanation on different Data Definition Language and Data Manipulation Language queries). • Xampp Server and how to do database operations using Xampp for data definitions, manipulations, export, import etc. 4. Database connectivity of PHP with the MySQL Database 5. Explain Database Validations with the help of Sample Project 	<p>Practical</p> <p>Practical</p> <p>Practical</p> <p>Practical Practical</p>
Software & Hardware Tools: Adobe Dreamweaver CS, XAMPP	