

No	Information of IT-31035	
1	Unit name:	Web Development Technologies II
2	Code:	IT- 31035
3	Classification:	Engineering subject
4	Credit value:	3
5	Semester/ Year Offered:	1/2
6	Pre-requisite:	Basic Computer Skill and Knowledge of HTML,CSS
7	Mode of delivery:	Lecture, Practical, assignment
8	Assessment system and breakdown of marks:	
	Practical, Practical Exam, Assignment	20% 10% 10%
	Mid-term/ final Examination	60%
9	Academic staff teaching unit:	Department of Information Technology
10	<p>Course outcome of unit:</p> <p>In this course, students will be able</p> <ol style="list-style-type: none"> 1. To memorize the PHP Language Basic 2. To rewrite the script by using the PHP Language 3. To create the small page by using the PHP Language 	
11	<p>Synopsis of unit:</p> <p>The course covers advanced of web design. This course introduce how to build interactive Web sites and applications using PHP, one of the most popular Web programming languages in use today. The chapters in this course are laid out in a logical order, explaining basic programming concepts first, and then building on those concepts in later chapters when covering more advanced topics. As a general rule, each chapter builds on the knowledge gained in previous chapters. Each chapter contains a couple of exercises at the end to test your knowledge and expand on some of the ideas presented in the chapter.</p>	

3. PHP Language Basics

- Using Variables in PHP
- Understanding Data Types
- Operators and Expressions
- Constants
- Summary
- Exercises

4. Decisions and Loops

- Making Decisions
- Doing Repetitive Tasks with Looping
- Mixing Decisions and Looping with HTML
- Summary
- Exercises

5. Strings

- Creating and Accessing Strings
- Searching Strings
- Replacing Text Within Strings
- Dealing with Upper_and_Lowercase
- Formatting Strings
- Summary
- Exercises

6. Arrays

- The Anatomy of an Array
- Creating Arrays
- Accessing Array Elements
- Looping Through Arrays with foreach
- Working with Multidimensional Arrays
- Summary
- Exercises

7. Functions

- What is a Function?

	<ul style="list-style-type: none"> • Why Functions Are Useful • Calling Functions • Working with Variable Functions • Writing Your Own Functions • Working with References • Writing Recursive Functions • Summary • Exercises <p>8. Objects</p> <ul style="list-style-type: none"> • What is Object_Oriented Programming? • Advantages of OOP • Understanding Basics OOP Concepts • Creating Classes and Objects in PHP • Creating Classes and Objects in PHP • Creating and Using Properties • Working with Method • Object Overloading with _get(),_set(),and _call() • Using Inheritance to Extend the Power of Objects • Constructors and Destructors • Automatically Loading Class Files • Storing Objects as strings • Determining an Object's Class • Summary • Exercises
13	<p>Main references:</p> <p>Matt Doyle, Beginning PHP 5.3, IT eBooks pdf, www.wrox.com</p>
14	<p>Additional references:</p> <p>Web Development Common Technologies ICTTI Republic of the Union of Myanmar</p>