

# WORKSPACE WEB DEVELOPMENT & OUTSOURCING TRAINING CENTER

## Course Outline (2014)

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### Learn CMS (Wordpress)

**Workspace Web Development & Outsourcing Training center**

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<b>Course Hours</b>	56
<b>Total days</b>	16
<b>Prerequisite</b>	Minimum Idea of Web programming
<b>Class day</b>	Normally Thursday/Friday / Saturday/ Sunday <b>(Normally 2 days per week)</b>

## COURSE DESCRIPTION

This course introduces students with most of the relevant programming languages and techniques of professional web development and web engineering techniques to build dynamic websites with HTML, XHTML, Wordpress, MySQL, and PHP (LAMP) how to structure pages with XHTML and CSS, how to program in JavaScript and PHP, how to configure Apache and MySQL. Our WordPress training course is designed to make the trainees perfect in their field of work with a goal oriented approach. Before participating of our WordPress training program you need to know HTML, CSS, Photoshop, JavaScript and PHP MySQL.

## OBJECTIVES

At the end of the course, the students will be able to:

- Know Wordpress perfectly,
- At the end of the course, the following objectives shall have been attained:
- Appreciate the increasing importance of Web technology and how it is changing the role of the information technology.
- Understand what strategic web development is and apply a framework to help identify strategic uses of Internet.
- Compare the fundamental types of web technologies and how they can be used to provide real business benefit.
- Explore new technologies and issues affecting the web development.
- Apply a web development approach in analyzing the role of web technology in organizations.
- Describe the process used in developing information systems and the concepts of web engineering and web process reengineering.
- Analyze the skills needed for web development professionals.
- *Ready to apply for anywordpress job.*

## TOPICS TO BE COVERED

<i>TOPICS</i>	<i>SPECIFIC OBJECTIVE(S)</i>	<i>TIME FRAME</i>	<i>SUGGESTED ACTIVITIES</i>	<i>TEACHING STRATEGY(S)</i>
Introduction and setting Up a WordPress Site, Installing	Installing xampp and basic details of wordpress, Installing WordPress Files, Creating a Database, installing theme, creating wp-config file	Week 1	Homework on HTML. Developing personal website. Lecture, Lab Work and Assignments	Lecture notes, question
Theme, Modifying theme and child theme	Downloading theme, installing theme, manually upload file to theme, Importing style sheet, wordpress development in Dreamweaver, adding custom header footer author, adding header graphics, customizing the background, customized links.	Week 1-2	Homework, Mini-project	Lecture notes, question
Creating page	Creating the page template, adding new page, inserting images, creating wordpress post	Week 2-3		
Creating your first blog application	Creating a blog with wordpress template	Week 4		
<b>Test Project</b>				
Customized the nav menu, sidebar	Creating functions.php, creating the menu, dynamic menu highlighting, Registering new sidebars, installing an image widget.	Week 5	Lecture, Lab Work and Assignments	Lecture notes, question
Custom field	Add custom shortcut, creating custom template, adding custom field in WP template, adding wordpress custom field to content.	Week 6	Lecture, Lab Work and Assignments	Lecture notes, question

Creating page for single post	Creating header footer and sidebar, adding header and footer function	Week 6	Homework, Mini-project	Lecture notes, question
HTML to Wordpress conversion	Convert HTML template to wordpress	Week 7	Lecture, Lab Work and Assignments	Lecture notes, question
API, Basic Plugins	Different kinds of API in wordpress, Plugin uses and customize	Week 8	Homework, Mini-project	Lecture notes, question
Security&Scalability	Discussing the importance of Security in web architecture	Week 8	Exercise	Lecture notes, question
<b>Final Project Continues</b>				

## COURSE REQUIREMENTS

### Student Attendance

All students are expected to attend all scheduled classes, and to read all assigned chapters / materials before coming to class.

### Class Participation & Peer Evaluation

You Students are expected to participate actively in the class. Your contribution towards your team will be counted too.

## TEXTBOOK/ REFERENCES

- W3Schools Online Web Tutorials; URL: <http://www.w3schools.com>
- PHP Documentation; URL: <http://www.php.net/docs.php>
- Wordpress Documentation: <http://wordpress.org/>
- Sams Teach Yourself Ajax JavaScript and PHP All in One; Phil Ballard and Michael Moncur; Sams Publishing; 2010
- JavaScript Phrasebook; Christian Wenz; Sams Publishing; 2007
- PHP and MySQL Web Development, 4/E; Luke Welling and Laura Thomson; Addison-Wesley Professional; 2009
- Advanced PHP Programming; George Schlossnagle; Sams Publishing; 2004
- Advanced PHP for Web Professionals; Christopher Cosentino; Prentice Hall; 2003
- JavaScript for Programmers Paul J. Deitel and Harvey M. Deitel; Prentice Hall; 2009
- Beginning PHP5, Apache, and MySQL Web Development; Elizabeth Naramore, Jason Gerner, Yann Le Scouarnec, Jeremy Stolz and Michael K. Glass; Wiley Publishing; 2005
- Wordpress books: WordPress: The Missing Manual (Missing Manuals)