



GRAPHIC AND WEB DESIGN CURRICULUM

WD109 WordPress 2

WD109 Description

Now that you have a background in PHP, Databases, HTML, CSS, JavaScript and have had an introduction to WordPress, it is time to roll our sleeves up and start digging into the meat of WordPress theming. We are no longer looking to take something that someone else built; rather we want to build the thing ourselves. Lets see how.

WD109 Objectives

- WordPress Process Review
- WordPress Review
- WordPress Themes
- WordPress Plug-ins
- WordPress File Hierarchy
- WordPress Template Tags
- Building Your Own WordPress Theme

WD109: Equipment and Supplies Needed

- USB/firewire flash drive
- An external drive

WD109: Relevant Skills and Concepts to Review Prior to First Class

- HTML/CSS simple site construction.
- PHP
- WordPress Interface

WD109: Exercises and Deliverables

- WordPress Template
- Export of WordPress Database



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WD109: Format for Deliverables

Keep copies of all your electronic files on your class server in a folder identified by your name. All deliverables should be organized in folders identified separately by each module name. For example: ftfall10 (class server) WD10XNameofModule > Final Project > FirstNameLastName subfolder.

For all electronic work, **Keep an additional duplicate of your assignments on a secondary removable drive as well the copy on the server designated for your class.** Losing information from any disk prior to final evaluation will not be an excuse for incomplete assignments. All media is fallible and you are still responsible for the assignments if you lose information on one of your Macintosh media, this pertains to all your classes.

Final presentation of all your assignments is extremely critical to your final grade.

WD109: Suggested Readings

Books:

- *PHP 6 and MySQL 5 for Dynamic Web Sites: Visual QuickPro Guide*
Larry E. Ullman
- *Digging Into WordPress*
Jeff Starr and Chris Coyier
- *Professional WordPress Plugin Development*
Brad Williams, Ozh Richard and Justin Tadlock

Websites:

- WordPress Codex
<http://codex.wordpress.org/>
- WordPress Template Tags
<http://www.dbswebsite.com/design/wordpress-reference/V3/>
- WordPress Code Snippets
<http://wphacks.com/huge-compilation-of-wordpress-code/>

WD109: Software Required

- Adobe Dreamweaver (or other text editor)
- Firefox/Safari OSX
- Firefox/IE6/IE7/IE8/ Windows
- Adobe Photoshop and/or Adobe Fireworks
- MAMP



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WD109 Session by Session Breakout

WD109: Session 1: WordPress – What’s Under the Hood

- Overview: Take a step back and look at what was done last week. Run through the creative and development process when designing for WordPress.
- Discuss class objectives, final deliverable and week outline.
- WP installation review
- WP admin review
- wp-content: Take a look at the WP content folder.
 - Themes
 - Plugins
 - Mu-plugins
 - Uploads
- Theming:
(Handout: *WD109-WordPress 2 Template Tag Reference.pdf*)
 - Style.css
 - Index.php
 - Header.php
 - Footer.php
 - Sidebar.php
 - Screenshot.png (300x225px)

WD109: Session 2: Theming – A Closer Look

- Complete any outstanding items from the previous theming discussion.
- Hooks
 - wp_head()
 - wp_footer()
- The Loop
- Work Time: Pull your design over from the last week and turn it into a WP theme.



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WD109: **Session 3: Added Functionality (functions.php)**

- Review
- Widget Ready Areas:
- Custom Nav Menus

WD109: **Session 4: WordPress Templates**

- The WordPress template hierarchy
- Custom Template files
- Child Themes
- Post Meta
- Custom Queries and Multiple Loops
- Work Time:

WD109: **Session 5: Getting More Advanced**

- Review:
- Time Permitting Bonus Material:
 - Custom Post Types
 - Customizing the WP Admin
 - Special Topics

WD109: Session 6: **Work**

- Open Forum/Questions
- Work Time

WD109: Session 7/8: **Wrapping it Up**

- Review
- Open Forum/Questions
- Work Time: finish the projects.