HackerYou Course Syllabus

Intro to WordPress

CLASS 1 **PHP Basics**

Welcome to Intro to WordPress! In this class we'll go over the fundamental concepts of PHP. You'll learn arrays, objects, functions, and other basic PHP skills to help you crack open your theme and make writing custom code a breeze.

CLASS 2 **Getting Started with WordPress**

In this class we'll get comfortable with the setup of WordPress and the local environment on our computers. We'll install locally, configure, and begin installing existing themes. We'll also dig into the folder structure, and begin to understand the differences between client and server-side files.

CLASS 3 **Digging into the WordPress Code**

Let's write some custom code! Today we'll dive into the world of template tags and PHP files to start creating a custom theme. We'll begin by learning how to edit existing themes, and how to debug and troubleshoot.

CLASS 4 **Creating Custom Themes**

Now that you have a handle on existing theme layouts, we'll begin to learn how to create a custom theme from scratch! We'll convert an existing website to a WordPress theme from scratch, and learn about templates and their hierarchy.

CLASS 5 **Front End Code with WordPress**

How does CSS and JavaScript play nicely with WordPress? Today we'll learn what we can do to make sure everything's being done properly to style in WordPress.

CLASS 6 **Convert a Design into a WordPress Site**

It's time for your first project! You will be taking an existing design and converting it into a fully-functioning WordPress website with pages, a custom home page, and a news section.

CLASS 7 **Project Work Time**

Students will have this class to work with the instructor and mentors on their project.

PROJECT ONE

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CLASS 8

Working with Plugins & Short Codes

This entire class will be dedicated towards understanding how plugins work, and which plugins you should be using to get the best functionality of your site. This includes social network integration, page stats, and spam blocking.

CLASS 9

Advanced Custom Fields

By now, you've outgrown simple title and content fields. Now, we have specific needs that will require a custom back-end. With custom fields you'll learn how to create your own interface on the back-end that will power our custom templates on the front-end.

CLASS 10

Custom Post Types & Taxonomies

There are two types of post types in WordPress: a post, and a page. Today we'll learn how to push past this to create any kind of content we want: stores, galleries, employees, events – they're all buildable in WordPress!

CLASS 11

Custom Queries and Loops

Now that you're more comfortable with customization, we'll learn how fields, post types, and taxonomies can create powerful custom queries to pull in only the data we want. Today, we'll build a customized events listing to demonstrate how this is done.

CLASS 12

Building an Image Gallery with ACF

In this class, we'll build a fully-featured image gallery without the use of a plugin. We'll learn how to use ACF to build the backend, and then build a custom code to pull information into the gallery.

There will be one project in Intro to WordPress.

PROJECT ONE

For your first project, you'll take an existing design and convert it into a fully-functioning WordPress site with pages, a custom home page, and a news section.