HackerYou Course Syllabus
Advanced WordPress

CLASS 1

Gathering Technical functions.php

Welcome to Advanced WordPress! Sometimes a WordPress site needs custom functions that allow you to do things that are specific to your own website's needs. If we require code specific to our theme, but not necessarily an entire plugin, that's where the functions.php file can help us out.

CLASS 2

Creating a Store Directry Listing

There's no better way to refine your skill than by building, and this class does exactly that. Today you'll begin by building a store directory listing, with a custom back-end.

CLASS 3

Google Maps & WordPress

In this class we will learn how we can transfer data from the back-end PHP to our front-end JavaScript code with JSON. We will build a store locator which uses Google maps to plot each location of our previous class' store directory on a map.

CLASS 4

PROJECT ONE

Project One

Your first project requires you to build a custom WordPress theme from scratch that specifically targets an industry – a brewery, coffee shop, wedding planner – whatever you can imagine. You'll be utilizing everything we've learned so far to build this.

CLASS 5

Project Work Time

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

CLASS 6

Advanced Workflow & Tooling with WordPress

Today, we will look at how we can use popular tools like Sass to write our CSS and compile it with Gulp.js. We will also discuss the best practices for housing a WordPress inside of a Github repository.

CLASS 7

Deploying WordPress to Hosting & WordPress Maintenance

In this class, we will learn various methods for how we can deploy a site to a live server, and how to handle local development if your site is already live. This includes how to update WordPress, and WordPress Security so we can optimize for fast loading websites.

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CLASS 8

Project Two

Our final project will be a WordPress website that will be the shining star of your portfolio. Either building a site for yourself of a real client, you'll utilize everything we've covered in the course so far to deliver a finished, easy-to-update website.

CLASS 9

Working with Multiple Languages and WordPress

In this class we'll discuss the best practices for handling multiple languages on a single WordPress install, including the best plugins to help you do this.

CLASS 10

SEO Best Practices

WordPress is a powerful tool for content marketing, and getting your website visible by search engines. In this class, we'll give you an overview of some of the best tools and strategies to use for SEO.

CLASS 11

Student-suggested Lessons

Today we'll finish up our final project and students can suggest lessons they'd like to review from both parts of the course.

CLASS 12

Demo Night!

Congrats on completing Advanced WordPress! Today, students will demo their final projects and reflect on what they've learned throughout the course.

There will be two projects in Advanced WordPress.

PROJECT ONE
Your first project will require you to build a WordPress theme from scratch that is specifically targeted at an industry. Where you choose a brewery, coffee shop, photographer, or wedding planner — you will build a custom WordPress theme that utilizes everything we have learned so far: templating everything with custom loops, fields and post types so that it is easily updatable by your client.

PROJECT TWO
You will be asked to create a website for either yourself, or a client (small business, not-for-profit, friend) who is in need of a website. For this project, you will collect the requirements from your client, plan accordingly, build the website using everything you have learned in this class and create a flexible and easy to update back-end.