

# Advanced Web Development Course Syllabus

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## Intro:

- Introduction to Web Pages
- Basic overview of application architecture
- Steps involved in Web dev
- What is Scripting? Types

## HTML 5:

- Intro
- Html Elements
- Html Attributes
- Html Heading and Paragraph
- Html Style
- Html Formatting
- Html Images
- Html Tables
- Html Lists
- Html Classes & Ids
- Html 5 elements
- Html Forms
- Html Media

## CSS 3:

- Intro
- Types of CSS
- CSS Color
- CSS Background
- CSS Margins/Height/Width
- CSS Padding
- CSS Box Model
- CSS Text/Font

- CSS Icons
- CSS Lists
- CSS Tables
- CSS Position/Size
- CSS Overflow

## **Responsive Web Design (RWD):**

- Advanced CSS
- Responsive CSS
- Media Queries
- Bootstrap in detail

## **JavaScript:**

- Intro
- JS Syntax
- JS Logics
- JS Operators
- JS Datatypes
- JS Functions, Scope & Objects
- JS Events
- JS Strings
- JS Array
- JS Dates
- JS Loops
- JS Debugging
- JSON
- JS Form Validation
- Ajax

## **PHP:**

- Intro
- Installation of WAMP server
- PHP Syntax
- PHP Datatypes, Strings
- PHP Loops
- PHP Arrays
- PHP Functions

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- PHP Forms
- PHP File Handling
- PHP Error Handling & Exceptions
- Advanced PHP
- Introduction to PHP Frameworks

## MySQL:

- Intro
- Syntax
- Basic MySQL queries
- Advanced MySQL queries
- Nested queries
- MySQL Database operations
- MySQL Functions