

Web Development Training (Basic)



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WittyPlex
LEARNING SERVICE

Part 01: Basic knowledge about Freelancing, Internet and Websites

Subject	Class Topics
Class – 01: Intro to freelancing Internet and websites	<ul style="list-style-type: none"> • An introduction to freelancing world • Intro to Internet - Domain, IP, Hosting • Websites - How Website and its pages works

Part 02: HTML – Structuring the web pages

Subject	Class Topics
Class – 02: Intro to HTML (elements, tags and attributes)	<ul style="list-style-type: none"> • File extensions of various documents • Web Page Schematics • Intro to HTML: elements, tags and attributes • HTML Elements: heading, paragraph • HTML Comments
Class – 03: Link, image, styles and colors	<ul style="list-style-type: none"> • HTML Elements: b, strong, i, em, hr, br • HTML Elements: links, images • HTML Styles: color, font, text • HTML Colors: RGB and HEX
Class – 04: Border, block, tables and lists	<ul style="list-style-type: none"> • HTML Styles: border, padding, margin • HTML Block and Inline Elements • HTML Grouping Tags: <div>, • HTML Elements: Tables, Lists

Part 03: Get into the domain and hosting

Subject	Topics
Class – 05: Domain/Hosting: cPanel, email, sub-domain etc	<ul style="list-style-type: none"> • cPanel • DNS • Email • Domain / Sub-domain

Part 04: CSS – Styling the web pages

Subject	Topics
Class – 06: Intro to CSS (syntax and selectors)	<ul style="list-style-type: none"> • Introduction to CSS, CSS syntax • Inline CSS, internal CSS and external CSS • CSS Selectors: element, id, class • HTML Attribute: id & class • CSS Comment

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Class – 07: Color, text, font, icons and background	<ul style="list-style-type: none"> • CSS Colors • CSS Text • CSS Fonts • CSS Web Fonts • CSS Icons • CSS Backgrounds and transparency
Class – 08: Box model, specificity and cascading order	<ul style="list-style-type: none"> • CSS Box Model: height/width, borders, padding and margins • Multiple classes and style sheets • CSS Specificity and cascading order
Class – 09: Layout (display, float and overflow)	<ul style="list-style-type: none"> • CSS Layout - The display property • CSS Layout - display: inline-block • CSS Layout - width and max-width • CSS Layout - float and clear • CSS Layout - Overflow
Class – 10: Layout (position and alignment)	<ul style="list-style-type: none"> • CSS Layout - Horizontal & vertical align • CSS Layout - The position property
Class – 11: Units, combinators, pseudo-classes and elements	<ul style="list-style-type: none"> • CSS Units • CSS Combinators • CSS Pseudo-classes • CSS Pseudo-elements • CSS Attribute Selectors

Part 05: HTML/CSS – Layout and Components

Subject	Topics
Class – 12: Head tags, page layout	<ul style="list-style-type: none"> • HTML Head • HTML Tags: meta, title, link, style, script • A Complete Web Page Layout
Class – 13: Menu and form	<ul style="list-style-type: none"> • CSS/HTML Menu: Horizontal menu with drop-down • CSS/HTML Form: input, checkbox, label, button etc

Part 06: Responsive webpage with Bootstrap

Subject	Topics
Class – 14: Viewport and media queries	<ul style="list-style-type: none"> • Responsive Web Page • Viewport of a Web Page • CSS: Media Queries • CSS Framework: Bootstrap
Class – 15: Bootstrap	<ul style="list-style-type: none"> • Bootstrap - Grid • Bootstrap - Components • Bootstrap - Utilities

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Part 07: JavaScript – Dynamic client-side scripting language

Subject	Topics
Class – 16: Variable, DOM manipulation, function etc	<ul style="list-style-type: none"> • JavaScript - syntax and variable • JavaScript - DOM manipulation • JavaScript - function, object and array
Class – 17: JavaScript Library: jQuery	<ul style="list-style-type: none"> • jQuery - syntax and selectors • jQuery - plugins

Part 08: Photoshop / PSD to HTML

Subject	Topics
Class – 18: Photoshop: PSD to HTML part 1	<ul style="list-style-type: none"> • Photoshop - basic tools and panels • Planning, wireframing • Copy images from PSD templates • Get information about text size, color, and font style • Convert header and footer into HTML/CSS
Class – 19: Photoshop: PSD to HTML part 2	<ul style="list-style-type: none"> • Convert middle parts into HTML/CSS • Pixel perfection • Image optimization • Responsiveness
Class – 20: Photoshop: HTML email from PSD	<ul style="list-style-type: none"> • Email layout Planning, wireframing • PSD to HTML email • Testing the html email

Part 09: PHP / MySQL – Server-side programming language

Subject	Topics
Class – 21: PHP core and MySQL CRUD app	<ul style="list-style-type: none"> • PHP - echo, variable, function, PHP form handling • PHP-MySQL: database connection • MySQL - create, insert and delete data using SQL query
Class – 22: PHP-AJAX form handling	<ul style="list-style-type: none"> • AJAX basic • PHP-AJAX: form handling

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Part 10: WordPress – World’s most popular CMS

Subject	Topics
Class – 23: Installation and setup	<ul style="list-style-type: none">• CMS - basic idea of CMS• WordPress - Installation and setup• WordPress - page, post and menu creation
Class – 24: Customization (theme, plugin, widget etc)	<ul style="list-style-type: none">• WordPress - themes and plugins• WordPress - customization: header, footer and widgets

Part 11: Accessibility and Publication

Subject	Topics
Class – 25: Optimization, Accessibility and Publication	<ul style="list-style-type: none">• Web site optimization• Accessibility and user experience• SEO and Publication

Part 12: Intro to Freelancing market places

Subject	Topics
Class – 26: Freelancing market places	<ul style="list-style-type: none">• Freelancing market places - Discuss about Fiverr, Peopleperhour and upwork• Profile creation on various market places

Part 13: Final class – Assignment and class review

Subject	Topics
Class – 27: Assignment and class review	<ul style="list-style-type: none">• Class and assignment review• Freelancing profile assessment• Guideline for next steps!