CSS Essentials | Course Overview

COURSE DESCRIPTION

This course will teach you how to combine HTML and CSS to begin building modern, responsive websites. This is where your journey begins: HTML provides the structure for all web pages and is the essential foundation skill for learning about web design. CSS will be your next step – CSS is all about design: typography, colour, page layouts, responsive design and much more.

You'll learn how to edit and write your own HTML and CSS code from scratch, but there's more to building websites than coding; we'll teach you how to structure and manage a website, upload files to a server, work with different types of web graphics, optimise for search engines and accessibility, add maps and fonts, integrate social networks and much more.

PREREQUISITE

The course is designed as a direct follow-on from our Intro to HTML5 & CSS3 course. You'll need to have completed that course or have equivalent knowledge.

~~$990~~ $891 (+GST)

2 DAYS | 9–4:30PM

Please visit our website for enquiries and bookings:
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Premium training for visual communication
Providing quality training since 1989 to the publishing, design, marketing, print and web industries. Join us in Sydney, Brisbane, Canberra & Melbourne.

Course Outline

DEEPER INTO CSS: PAGE LAYOUTS AND MENUS

In this session, we begin looking at how pages are designed using HTML and CSS, and how to create great looking navigation. We learn how to avoid repetition and use shorthand for faster workflow.

HTML5 Semantic Markup

Planning a Web Page Layout

Using DIV Tags for Page Layouts

Using Classes, IDs and Descendant Selectors to Style Specific Elements

Using Vertical Margins to Control Spacing

Using Background Colours and Images

Centering a Layout using Auto Margins

Working with Borders

Working with Margins and Padding

Building Menus using Unordered Lists and CSS

Designing Horizontal Menus

Creating a 'Button' Style using Background Colour, Hover Effects and Transitions

INTRODUCING RESPONSIVE DESIGN

In this session, we introduce responsive design techniques. We take a first look at CSS Media Queries, and learn about breakpoints and how to use them.

What can be done with Responsive Design?

About Mobile-First Design

Introducing Media Queries

Choosing Breakpoints

Allowing the Page to Adapt to the Browser Width

Setting a Maximum Page Width

Allowing Images to Scale Proportionally

Meta Rags for Responsive Scaling

MULTI-COLUMN DESIGN, FONTS AND SOCIAL MENUS

In this session we'll learn how to create more complex layouts, work with basic multi-column layouts, and how to incorporate downloadable webfonts.

Creating Side-by-Side Columns using Floats

The CSS Box Model – Calculating Padding, Borders and Margins

Clearing Floats – Using the Clearfix Solution

Using Google Fonts – How Downloadable Fonts work and How to Optimise for File Size

Creating a Social Menu

Vertical and Horizontal Menus

FORMS, SITE MANAGEMENT AND WEB HOSTING

In the final session, we'll learn all about contact forms and finally, site management. We'll see how web servers work, and how to upload/download files to and from a server. We'll look at how to purchase your own web hosting, and how websites can be maintained and edited by developers and their clients.

Forms – Building a Form in HTML, Validating Fields, Using HTML5 Form Elements, about Form Processors

Styling Forms – Tips and Tricks for Great Looking Forms

Adding Metadata to your Pages

About Domain Names

About Web Hosting

How to use FTP to Upload your Website

Solutions for Allowing Clients to Edit their Own Content

"Great thanks – unlocked the mysteries. Now I am more confident to change and maintain site."

Ian, Web Biz Owner

Please visit our website for enquiries and bookings:
www.cd.com.au