

WEB DESIGN WITH XHTML & CSS

4 day training course

Build Standards Compliant Websites

"An interesting and enjoyable course well delivered by a friendly and knowledgeable trainer on a perfect learning curve..."

Optimise your CSS based Designs

Creating websites using CSS (Cascading Style Sheets) design is the modern method of creating web pages. Using CSS means that web designers can separate the content within a document from its design. This is the industry standard way in which professional web designers and developers build web sites today. The course is very hands on and focus will be on the implementation phase of developing W3C compliant CSS based web sites.

By the end of this training course students will be able to create :

- » fixed & fluid multi column templates
- » search engine optimised content
- » cross device support through style sheets
- » accessible web forms
- » clean optimised CSS

COURSE DETAILS

This course is an entry level course that does not assume any knowledge of XHTML or CSS. Those wishing to attend should have an understanding of web design and should ideally have built simple websites in the past.

Length - 4 days (9:30am - 5pm)

Location - City Gate East, Nottingham City Centre

Price - £495 + VAT

Course payments can be made via bank transfer, cheque or securely online using a credit or debit card.



COURSE HIGHLIGHTS

An Overview of CSS Design

- Overview of eXtensible Markup Languages (XML)
- Standards support in existing development tools

Structural Markup (XHTML)

- Structuring documents for the XHTML1.0 Strict Doctype
- Effective use of title and meta tags for better search engine optimisation
- Working with the link tag to attach external stylesheets
- Using structural tags to identify content areas
- Marking up content appropriately using tags such as headings, paragraphs, ordered and unordered lists, tables, links, images and formatting
- Block level and Inline level tags
- Building accessible forms for interaction
- Optimising code and content
- Supporting Javascript and 3rd party plugins
- Validating Web Content to meet W3C Standards
- XHTML validation services

Cascading Style Sheets (CSS)

- Understanding browser, user and author styles
- Implementing inline, internal and external styling
- CSS selectors (type, class, id, pseudo and relational selectors)
- Using relative and absolute values (pixels, points, ems, exs, and percentages)
- Understanding the CSS box model and quirks mode
- Block and inline level behaviours
- Text formatting (size, spacing, typeface)
- Working with background images and attachment options
- What's new in CSS3?
- CSS layouts using natural flow, fixed, absolute & relative positioning
- Building effective float layouts
- Building and styling accessible forms for interaction
- Cascading, inheritance and specificity within stylesheets
- Creating stylesheets for print or mobile devices
- Cross compatibility testing
- CSS validation

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SHORT DESCRIPTION

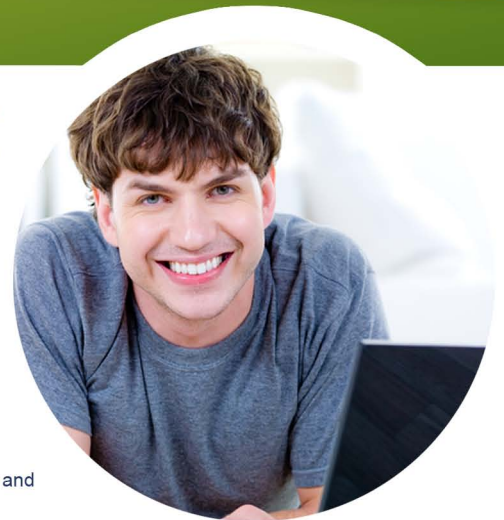
The course opens with a short explanation of where the XHTML and CSS standards have evolved from. This is useful to have a better understanding of how the implementation of XHTML and CSS benefits both developers, search engines and for the implementation of web accessibility. This leads on to a look at the software that can be used to implement web standards solutions and what the benefits and disadvantages are to these tools.

The course then gets a little more hands on with students creating and understanding valid XHTML structured pages. This is followed by a healthy focus on page structure for accessibility and search engine optimisation with many students post course reporting significant improvements in ranking in Google after just implementing this part of the course on their existing websites.

There is a full break down of the CSS syntax with explanations of the various types of selectors that are widely supported by modern day browsers. The course then looks at the various value types that are available in CSS and what the pros and cons of using relative values (percentages and ems etc) versus absolute values (pixels and points etc). Contrary to popular belief, absolute values do have their place in the CSS world.

Although most CSS designs can be achieved using floats and natural flow, there is sometimes the need for using the position property to absolutely or relatively position elements within the design. This can lead to issues with browser compatibility problems, so the course ensures that developers are aware of the rules associated with CSS positioning. Finally there is a look at validating CSS to W3C standards and troubleshooting CSS inconsistency across the various browsers and platforms using tools such as the excellent Firebug plugin.

The full course description is available at www.webdesign-training.co.uk



BOOKING YOUR COURSE

To find out when this course is scheduled to run or to make a booking, please visit the course page at www.webdesign-training.co.uk. The course page contains an up-to-date list of available course dates and course places for this course.

Course bookings can be made directly from the website by clicking on the BOOK NOW button next to your preferred course date. Your course booking will be reviewed and a member of staff will contact you directly via email or telephone.

Course payments can be made via bank transfer, cheque or securely online using a credit or debit card. If your company is paying for your course, a letter headed purchase order will be requested for invoicing.

ABOUT WEB STUDIO

The Web Design Training courses are hosted with **Web Studio Nottingham** and the leading figures in the web design training team have had over 25 years combined experience in the delivery of web and graphic design training and development.

We believe that anyone is capable of creating a website, but that learning to do it professionally requires a special insight into the world of web development. Our focus in training is to ensure that you can walk away from a course with the information and skills to take on any web design challenge, no matter how large.

The many advantages of training with us include :

- Small group sizes (2 - 4 students max)
- Experienced trainers with 10+ years
- Quality web and design training at affordable prices
- Excellent city centre location

The City of Nottingham provides an excellent location for training as it provides good road, rail and air links from all corners of the UK. A wide selection of hotels and bed and breakfasts, to suit every pocket, are available for booking for those that may be travelling from distance.

