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Training/Workshop on (CSS) Cascading Style Sheets

CSS (Cascading style sheets) has become a necessity when you want to create beautiful yet web standard compliant designs. It is a tool for that is easy to learn but the benefits are incredible in terms of aesthetics, usability, accessibility

What can I do with CSS?

- Build or design websites using CSS (because HTML is so much better with CSS)
- Separate Content from presentation (it just means you can style HTML far better with CSS)
- Build Web standards websites (which means your site will still be functional years from now, it is has future compatability with future browsers and backward compatability with older browsers)
- Design pages that load faster, easy to update or change designs just by updating CSS, all that while maintaining a consistent look and feel throughout the website
- Use one design to produce websites that is compatible with browsers and other devices such as a PDA's, printers (printer-friendly page), assistive devices, Internet TV, projectors, even braille printers!

Who needs to learn CSS?

web designers and web developers, web masters -- BUT ALSO FOR...

- people who may be tasked to do web updates for their companies and organizations.
- Bloggers who may want to enhance their blogsites
- Graphic designers transitioning their skills to the web (I know so, because I started as a graphic designer some time ago)
- people who design their own websites who needs further training to enhance their skills
- Anyone who wants to learn CSS

What do I need to know to benefit from this training?

- the only pre-requisite is HTML knowledge and the thirst to learn to design really beautiful, standard compliant websites using CSS

Training Outline

A. Introduction

1. What is CSS, its benefits and what you can do with it. A discussion of web standards, usability and accessibility is also included

B. Basics of CSS

1. Anatomy of a CSS Rule
2. The Document Tree

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C. Incorporating CSS into HTML

1. Class Selectors
2. ID Selectors
3. Descendent Selectors
4. Grouping Selectors
5. Types of Elements
6. The Display Property
7. The DIV Tag
8. The SPAN Tag

D. CSS Color

1. The Old HTML Way
2. The CSS Color Property
3. Color Units
4. Color Names
5. The Background-Color Property

E. CSS Layout

1. Explaining the Box Model
2. The Width and Height Properties
3. Border Width (Examples)
4. Border Width (Syntax)
5. Border Color
6. Border Style (Examples)
7. Border Style (Syntax)
8. Margins
9. Padding
10. Element Positioning
11. Static Positioning Example
12. Relative Positioning Example
13. Absolute and Fixed Positioning Example
14. Offsets
15. Float Examples
16. Float Syntax
17. The Clear Property
18. Layered Presentation (Examples)
19. Layered Presentation (Syntax)
20. Overflow
21. Clipping
22. Visibility

F. CSS Background Properties

1. Background Images
2. Background Repetition
3. Background Attachment

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4. Background Position
5. The Background Shorthand Property

G. CSS Typography

1. Font Family (Examples)
2. Font Family (Syntax)
3. Font Styles
4. Font Weight
5. Font Size
6. Line Height
7. Font Variants
8. The Shorthand Font Property
9. Indenting Text
10. Aligning Text
11. Text Decoration
12. Transforming Text

F. Links and Pseudo-Classes

G. Dealing With Bad Browsers

H. Accessibility - how to make your website accessible thru CSS (Jojo Esposa of PWAG.org is also included)

I. Troubleshooting - CSS hacks, IE glitches, using firefox web dev toolbar

J. Advanced CSS - specificity, etc and an FAQ session about web development

K. A portable web development office in your USB stick (all open source, and free!)

Sessions will have hands on training, each student will have his own PC and I will make available to everyone the portable web development suite, all open source .

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