



**Aspect Training**

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YOUR COURSE, YOUR WAY - MORE EFFECTIVE IT TRAINING

## **CSS Introduction / Intermediate**

**Duration: 2 days**

### **Overview:**

This CSS3 course will expose students to new features in CSS3. Participants will learn how to use selectors and pseudo elements, font, color, and layout techniques; transforms, transitions, and animations. The course will explore how CSS media queries can be used to change how websites are presented on mobile devices.

### **Prerequisites:**

A working knowledge of HTML is required

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### **Topics:**

#### **1 - Introducing CSS3**

What is CSS3?

The History of CSS

Browser Support

HTML5

#### **2 - Selectors and Pseudo Classes**

Attribute Selectors

The Target Pseudo-Class

UI Element States Pseudo-Classes

Negation Pseudo-Class

Structural Pseudo-Classes

#### **3 - Fonts and Text Effects**

Fonts on the Web

Font Services

The @font-face Rule

Text Shadow

Word Wrapping

## **4 - Colors, Gradients, Background Images, and Masks**

Color

The Opacity Property

Backgrounds

background-origin, and background-size

## **5 - Borders and Box Effects**

Image Borders

Rounded Corners

Box Shadow

## **6 - Transitions, Transforms, and Animations**

Transitions and Transforms

Transitions

## **7 - Layout**

Layout: Columns and Flexible Box

Flexible Box Model

Vendor Prefixes

What Are Vendor Prefixes

Strategies

## **8 - Embedding Media**

Video Formats

Styling Video

## **9 - Accessibility Features**

Web Accessibility

The CSS3 Speech Module

## **10 - Media Queries**

Targeting Widths and Devices with CSS3 Media Queries

Responsive Images and the viewport Metatag

## **11 - Implementing CSS3 in the "Real World"**

jQuery

HTML5

Modernizr

Preprocessors

