Cascading Style Sheet (CSS) Lesson 00: (version 3.0) ICATE Is now a part of Capgemini People matter, results count.

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Document History

Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
10-Dec-2012	1.0	3.0	Mohan Chinnaiah	
31-Mar-2015	2.0	3.0	Rathnajothi Perumalsamy	Changes made for aligning to the upgraded ELTP course structure.

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Course Goals and Non Goals

Course Goals

- Understand Cascading Style Sheet 3.0
- Understand new features of CSS 3.0
- Be able to use Custom Fonts
- Exploring Layouts supported by CSS 3.0
- Understanding RGBA and HSLA color schemes
- Animation

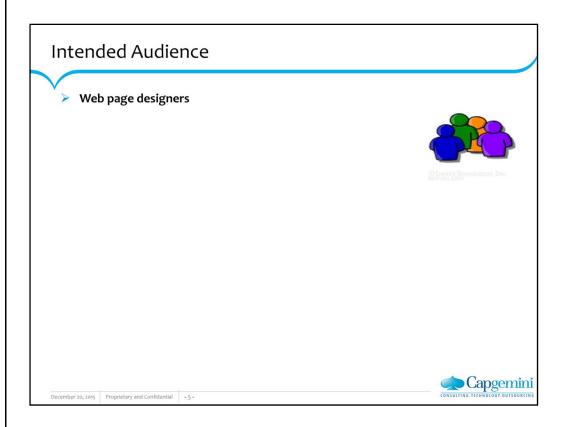
Course Non Goals

N/A

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Pre-requisites HTML 5 Understanding of Different Browsers like IE , FireFox, Opera and Chrome Capacinia Consideration of Confidential 1-4-



Day Wise Schedule Day 1 Lesson 1: Introduction to CSS 3 Lesson 2: Working with Text and Fonts Day 2 Lesson 3: CSS Selectors Lesson 4: Layout Lesson 5: Working with Colors Lesson 6: Borders and Transformation Lesson 7: Transition and Animation

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- Lesson 1: Introduction to CSS 3
 - 1.1. Introduction
 - 1.2. CSS Syntax
 - 1.3. Types of CSS
- Lesson 2: Working with Text and Fonts
 - 2.1. Text Formatting
 - 2.2. Text Effects
 - 2.3. Fonts
 - 2.4. Custom Fonts
- Lesson 3: CSS Selectors
 - 3.1. Universal Selector
 - 3.2 Type Selector
 - 3.3 Class Selector
 - 3.4 ID Selector
 - 3.5 Attribute Selector
 - 3.6 PseudoClasses

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Lesson 4: Layout

- 4.1. Introduction
- 4.2. Positioning
- 4.3. Box Layout
- 4.4. Table Layout
- 4.5. Vendor Prefixes
- 4.6. Working with Columns

Lesson 5: Working with Colors

- 5.1.Background
- 5.2. Multiple Background
- 5.3. Colors
 - 5.3.1 RGB and RGBA
 - 5.3.2 HSL and HSLA
 - 5.3.3 Alpha factor
 - 5.3.4 Opacity & Transparency
- 5.4. Using currentColor
- 5.5. Working with gradients

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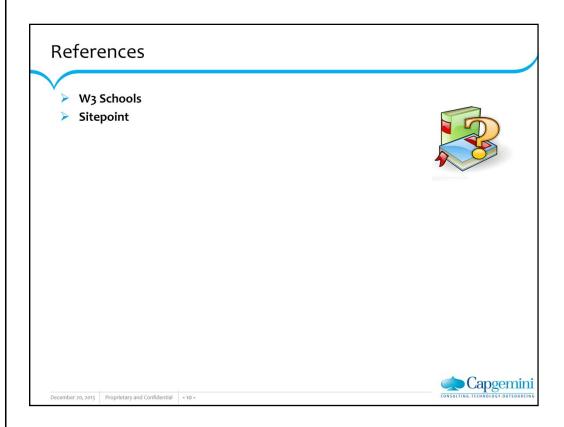
Lesson 6: Borders and Transformation

- 6.1.Borders
- 6.2.Resizable Borders
- 6.3. Rounded Corners
- 6.4. Applying Shadows in border
- 6.5.Transformation 2D and 3D
- 6.6.Rotate
- 6.7.Skew
- 6.8.Scale
- 6.9.Translate

Lesson 7: Transition and Animation

- 7.1. CSS Transition
- 7.2. What are Animations?
- 7.3. CSS 3 Animations
- 7.4. Working with Key frames

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Software required

- Editor like notepad, notepad++
- IDE: Eclipse/ Visual Studio

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Browsers (IE, Google Chrome, FireFox and Opera)

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