



8. Web & Graphic Design

8.2 Web Design

Duration: 60 Lectures

Course Content:

1. Introduction

- 1.1. HTML and CSS Overview
- 1.2. Basic HTML Tags
- 1.3. CSS Font and Text Properties, CSS Borders, Margins, Padding
- 1.4. CSS used in the Lists section, CSS used in the Positioning section
- 1.5. HTML images and hyperlinks
- 1.6. HTML5 Layout tags and Audio tags
- 1.7. HTML and HTML5 Table tags, Form tags and
- 1.8. HTML Special Characters

2. HTML

- 2.1. Basic HTML template
- 2.2. Heading Tags
- 2.3. Paragraph and Break Tags
- 2.4. Bold and Italic Tags
- 2.5. HTML lists
- 2.6. References and Examples

3. CSS

- 3.1. Introduction to CSS
- 3.2. CSS rules
- 3.3. Where to put your styles
- 3.4. Using CSS selectors
- 3.5. Inline and Embedded styles
- 3.6. CSS and Fonts



3.7. Font Colors, Sizes and Styling

3.8. Reference and Examples

4. CSS Layouts

4.1. The Box Model

4.2. CSS Comments

4.3. CSS Positioning

4.4. CSS Floats

4.5. Single Column CSS layout

4.6. Styling the Single Column layout

4.7. Styling HTML 5 tags

4.8. A two column CSS layout

5. Interlinking Pages

5.1. Hyperlinks

5.2. Linking to other pages

5.3. Other types of hyperlinks

5.4. CSS and hyperlinks

5.5. External stylesheets

5.6. HTML lists and nav bars

5.7. Reference and Examples

6. Forms

6.1. Form Tags

6.2. Textboxes, Submit, Reset

6.3. Formatting Textboxes with CSS

6.4. Labels, Textareas

6.5. Option buttons and Checkboxes

6.6. Passwords, hidden fields

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7. HTML5 and Forms

- 7.1. HTML 5 Forms
- 7.2. Placeholders, Required
- 7.3. Email, URL, Search
- 7.4. Spinners and Sliders
- 7.5. Date, Color pickers
- 7.6. Data Lists
- 7.7. HTML Form Layouts
- 7.8. HTML 5 Video and Audio
- 7.9. The HTML 5 Canvas tag
- 7.10. Details, Aside, Mark

8. Handling Images

- 8.1. Types of Images
- 8.2. Inserting Images
- 8.3. Image Attributes
- 8.4. Images and CSS
- 8.5. Text wrapping with CSS
- 8.6. CSS and image borders
- 8.7. Background Images
- 8.8. Adding captions to images
- 8.9. Reference and Examples

9. JavaScript

- 9.1. Introduction
- 9.2. Its use and history
- 9.3. Internal JavaScript
- 9.4. Accessing Elements
- 9.5. Respond to Click
- 9.6. Variables
- 9.7. Arrays
- 9.8. Loops



9.9. Conditionals

9.10. Functions

10. Photoshop Basics

10.1. Screen Technology basics

10.2. Image formats

10.3. Photoshop workspace

10.4. Photoshop Tools

10.5. Layers

10.6. Blending Options

10.7. Layer modes

10.8. Export graphic

11. PSD to HTML Conversion

11.1. Setting up folder structure

11.2. Understanding the design

11.3. PSD to HTML conversion

11.4. Dynamic content logic

11.5. Cross browser compatibility

11.6. Slicing the PSDs

11.7. Setting up Naming convention

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