



Advanced Course IN HTML5 and CSS3



Asian Institute of Digital Marketing



**ASIAN INSTITUTE OF DIGITAL
MARKETING**

<http://www.aidm.org.in>



HTML5 AND CSS3 Courses

Module 1: Introduction to a Web Page

- What is HTML?
- Setting Up the Dreamweaver to Create XHTML
- Creating Your First HTML page
- Formatting and Adding Tags & Previewing in a Browser
- Choosing an Editor
- Project Management

Module 2: Working with Images

- Image Formats
- Introducing the IMG Tag
- Inserting & Aligning Images on a Web Page
- Detailing with Alt, Width & Height Attributes

Module 3: Designing with Tables

- Creating Tables on a Web Page
- Altering Tables and Spanning Rows & Columns
- Placing Images & Graphics into Tables
- Aligning Text & Graphics in Tables
- Adding a Background Color
- Building Pages over Tracer Images
- Tweaking Layouts to Create Perfect Pages

Module 4: Creating Online Forms

- Setting Up an Online Form
- Adding Radio Buttons & List Menus
- Creating Text Fields & Areas
- Setting Properties for Form Submission

Module 5: Creating HTML Documents

- Understanding Tags, Elements & Attributes
- Defining the Basic Structure with HTML, HEAD & BODY
- Using Paragraph Tag to assign a Title
- Setting Fonts for a Web Page
- Creating Unordered & Ordered and Definition Lists
- Detailing Tags with Attributes
- Using Heading Tags
- Adding Bold & Italics
- Understanding How a Browser Reads HTML



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Module 6: Anchors and Hyperlinks

- Creating Hyperlinks to Outside Webs
- Creating Hyperlinks Between Documents
- Creating a link for Email Addresses
- Creating a link for a Specific Part of a Webpage
- Creating a link for a image

Module 7: Creating Layouts

- Adding a Side Content Div to Your Layout
- Applying Absolute Positioning
- Applying Relative Positioning
- Using the Float & Clear Properties
- Understanding Overflow
- Creating Auto-Centering Content
- Using Fixed Positioning

Module 8: Introduction to CSS

- What is CSS?
- Internal Style Sheets, Selectors, Properties & Values
- Building & Applying Class Selectors
- Creating Comments in Your Code
- Understanding Class and ID
- Using Div Tags & IDs to Format Layout

Module 9: Creative artwork and CSS

- Using images in CSS
- Applying texture
- Graduated fills
- Round corners
- Transparency and semi-transparency
- Stretchy boxes
- Creative typography

Module 10: Building layout with CSS

- A centered container
- 2 column layout
- 3 column layout
- The box model
- The Div Tag
- Child Divs
- Width & Height
- Margin
- Padding
- Borders
- Floating & Clearing Content
- Using Floats in Layouts
- Tips for Creating & Applying Styles



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Module 11: CSS based navigation

- Mark up structures for navigation
- Styling links with pseudo classes
- Building a horizontal navigation bar
- Building a vertical navigation bar
- Transparency and semi-transparency
- CSS drop down navigation systems

Module 12: Common CSS problems

- Browser support issues
- Float clearing issues
- Validating your CSS
- Common validation errors

Module 13: Some basic CSS properties

- Block vs inline elements
- Div's and spans
- Border properties
- Width, height and max, min
- The auto property
- Inlining Styles
- Arranging Layers Using the Z Index

Module 14: Layout principals with CSS

- Document flow
- Absolute positioning
- Relative positioning
- Static positioning
- Floating elements

Module 15: Formatting Text

- Why Text Formatting is Important
- Choosing Fonts and Font Size
- Browser-Safe Fonts
- Applying Styles to Text
- Setting Line Height
- Letter Spacing (Kerning)
- Other Font Properties
- Tips for Improving Text Legibility



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Module 16: Creating a CSS styled form

- Form mark up
- Associating labels with inputs
- Grouping form elements together
- Form based selectors
- Changing properties of form elements
- Formatting text in forms
- Formatting inputs
- Formatting form areas
- Changing the appearance of buttons
- Laying out forms

Module 17: Styling a data table

- Basic table mark up
- Adding row and column headers
- Simplifying table structure
- Styling row and column headings
- Adding borders
- Formatting text in tables
- Laying out and positioning tables



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