

ZENUS INFOTECH INDIA PVT. LTD.

CURRICULUM OF HTML

Course Duration: 6/8 Weeks*

Getting started with HTML

- is the core language for creating web pages.
- This course is aimed at anyone wishing to learn how to write and edit HTML code, whether your intention is to hand-code or to use a visual editor such as Dreamweaver.
- This course is an ideal primer for our Introduction to CSS course, which moves into building more complex page layouts with stylesheets.

General

- Website structure and management
- Following standards - usability and accessibility issues, essential page elements and properties
- About web browsers

HTML/XHTML

- About XHTML - why you should use current standards and how XHTML differs from HTML
- Principals of HTML - element structure, tags and properties
- Writing good HTML - rules and conventions

Formatting

- Paragraphs and line breaks
- Heading tags
- Multiple spaces
- Special characters

Tables

- When and how to use tables
- Table properties

Images

- About web graphics - JPEG and GIF
- Controlling image placement
- Setting Image properties via HTML

Hyperlinks

- Understanding document relative and absolute paths, email and external links
- Creating simple navigation for websites

- Using images as link buttons

Design and layout techniques

- Efficient and practical page design
- Working with Div tags for layout
- Controlling content width

Cascading Stylesheets

- Formatting text - changing typeface, size and colour

Introduction to HTML

- This course aims to provide a thorough introduction to HTML, the core language for the web.
- This course cuts through the jargon, explaining the concepts and techniques used to create modern web pages, and teaches you how to write and edit code in the most up to date and efficient way.

By the end of the course you will have the confidence to create a working website from scratch and you will have learned the principals behind accessibility, search

- engine optimisation, HTML email and presentational techniques using CSS (cascading stylesheets).

General

- Website structure
- why you should use standards - usability and accessibility issues, About web browsers
- Optimising pages for search engines

HTML basics

- The differences between HTML and XHTML
- Principals of HTML - element structure, tags and properties
- Writing good code - rules and conventions
- Essential HTML elements and their properties

Images

- Optimising web graphics - JPEG, GIF & PNG
- Getting images from Photoshop
- Setting image properties via HTML

Hyperlinks

- Understanding relative and absolute paths, email and external links, named anchors
- Creating internal navigation for a website

- Using images as links

Design and layout techniques

- Efficient and practical page design
- Translating graphic design into code
- Working with Div tags for page layouts

Creating HTML emails

- Things to avoid in email
- Designing for simplicity and functionality
- Using server based images
- Using simple tables for layout
- Writing inline styles

Cascading Stylesheets

- Formatting text - changing typeface, size and colour
- Using Classes and IDs
- Controlling spacing, page width and other layout properties
- Setting background properties
- Units of measurement: Fixed vs relative
- Hyperlink styles

Beyond the basics

- Creating an enquiry form and linking to an online script
- Adding a Google map
- About HTML 5 and other new developments
- About relevant technologies - PHP, JavaScript, Flash etc.
- Using Classes
- Setting Margins
- Setting background properties
- Units of measurement: Fixed and relative
- Hyperlink styles