

Module : HTML5 - how to create modern websites

In this training, you will learn how to create modern websites using HTML5 and CSS3 languages: installation, use tags, create CSS styles, create professional forms, add multimedia elements and publish your website.

Prerequisite : Know how to use a computer, know how to use a web browser.



Ways to take this course: Online Instructor Led
Online self-paced
Video On Demand

Video conference tool : ZOOM

Duration : 21 H (3 days)

CSS style sheets (I)

Types of CSS
Comments, units, colors
Selectors by redefinition
Classes, IDs, compound selectors
Pseudo classes, attribute selectors
Fonts, text, lists
CSS for HTML tables

OUTLINE

Introduction to HTML5

Client/server web architecture
PHP MySQL Platform
Tools: install and test
HTML: features and fersions
Benefits of using HTML5
Typical structure of HTML5 page
Browser support
Principle of CSS styles
Principle of the Javascript language
Code Validators

Master HTML5 markup

Tag and attribute
Paragraphs, line breaks, separator
Titles, divisions, blockquote
Bold and italic
Special characters, entities
Ordered and unordered lists
Other common HTML tags
Different types of web images
Adding images to a page
Figure and figcaption
Links, anchors, imagemap
Semantic tags
HTML5 tables

Lab: HTML5 and CSS3 (I)

The ATLANTIC sample site
Site structure
Create different webpages
Adding tables and menus
Adding content: text, images
Creating CSS rules
CSS Skin
Testing the pages

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OUTLINE

Use HTML5 forms

- Different forms
- Insert a form
- Method, action, enctype
- Field categories
- HTML of each field
- HTML5 field validation
- Create a complete form
- Submitting a form
- Retrieve user entries(PHP)

CSS Style Sheets (II)

- Tags: inline, block
- Display property
- The box model
- Margins, edges, rounded edges
- Formatting a DIV box
- Rounded edges
- Center boxes and contents
- Float, clear and overflow
- CSS Positioning
- Visibility, z-index
- Displays, animations

Lab: HTML5 CSS3 (II)

- Layout templates
- Tags for organize content
- Adding form to a webpage
- Add different fields
- Validate fields in HTML5
- Form submission
- The VINEYARD Project
- Positioning elements
- Use visibility and z-index
- Create a CSS3 animation
- Adding interactivity

Audio, video and FTP transfer

- Audio and video tags
- The different attributes
- Media API : examples
- Website hosting
- Install an FTP client
- Configure FTP
- Publish a website