Front end development

HTML 5, CSS3 (web 3.0), SASS / Less, Bootstrap, Javascript, jQuery, Ajax, Dreamweaver, Wordpress, File Zilla.

Midas Multimedia™ offer Certificate Course in HTML 5 and CSS 3.0

What is HTML5?

HTML or Hypertext Markup Language is a formatting language that programmers and developers use to create documents on the Web. The latest edition HTML5 has enhanced features for programmers such as <video>, <audio> and <canvas> elements. You view a Web page written in HTML in a Web browser such as Internet Explorer, Mozilla Firefox or Google Chrome. The HTML5 language has specific rules that allow placement and format of text, graphics, video and audio on a Web page. Programmers use these programming tags or elements to produce web pages in unique and creative ways. Tags such as <section>, <article>, <header> enable the creator to make a more efficient and intelligent web page. Users will not have to use a Flash plug-in for video and audio content. Visual Studio users typically write code in HTML5 when creating web site content.

HTML5 will be the new standard for HTML.

What you are going to learn

We have designed this course for front end developers / UI developers to develop website using HTML 5, CSS3. By completing this course you will become expert in website development using HTML 5,CSS3 we cover All new Tags in HTML 5 including Semantic Tags such as header, nav , figure, article, aside, time, section, footer, progress, audio, video and HTML API like canvas, drag and drop, geolocation, web storage, svg etc.

Also we cover topics like how to develop responsive website for different devices.

Module 1:	HTML Review
	The History of HTML
	What is HTML?
	Tags
	Documents
	Getting Started
	The Road for HTML5
	The Browser Wars

Module 2: Feature Detection
What we strive for?
Browser Detection
Feature Detection
Modernizr
Polyfills

Module 3: The HTML5 New Elements
Structural Elements
New Form/Input Elements
New Attributes

Module 4: Canvas
Canvas - The Future of Graphics on the Web
Simple Shapes
Shape Styles
Complex Shapes
Text & Shadows
Canvas & SVG

Module 5: Video and Audio

HTML5 & RIA
Video and audio in the web
How multimedia looks like to a computer?
Video/audio formats and codecs
Controlling your multimedia with javascript
Code example – loop
Video and audio lab
Lab: Video and audio

Module 6: Web Storage
Introduction
Web Storage vs. Cookies
Storage types
Methods and Properties
Events

Module 7: Geolocation

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Pune : Office No. 1, Gopal krushna Building, Behind Congress Bhavan, 265, Shivaji Nagar, Pune. Tel. : 64015974

Website : www.midasmultimedia.in

Project

SASS / Less

SEO Techniques

Responsive using MediaQuery and Bootstrap

Dreamweaver

Javascript

What is JavaScript
What can't you do with JavaScript?
Java "vs" JavaScript
The hierarchy of JavaScript Objects
window Object
document Object
Outputting Text with JavaScript
Using Arrays to Refer to Forms
Setting the bgColor

navigator Properties
DataTypes
parseInt() & parseFloat()
Variables
Variable concatenation Examples 1 & 2
Expressions & Operators
Clock Example using the Conditional Operator
JavaScript Objects
String Object
JavaScript String Manipulation Examples
HTML String Methods
Math Object

Date Object
Date Object Example
JavaScript Built-in Functions

Event Handlers

The concept of Program Control
Introduction to if -- else Branching

while loops
   more about while loops
for loops
Functions
   with no parameters
   with parameters -- passing arguments
   this keyword
   returning values

   Variable Scope
   Local --vs-- Global Variables
   Functions & their locations within a document
   Functions at work
   Recursive Functions

Status Bar

Review of the JavaScript Object Hierarchy
   onMouseOvers & Hyperlinks
   onMouseOvers & onMouseOuts to perform different functions

Digital Clock
Changing an Image Using the onClick Event Handler
Changing images using a hyperlink
Arrays
"Browser Detection" Version 1
CheckBox Textfields

Demo of document.write() & "how" it works

Form Object

Forms -- A Quick Introduction

Form Elements

Select -- a "through" study

       Which browser is your favorite

       Selects

       Multiple Selects

Form Validation

Quiz

Cookies

XML connectivity

Photo Gallery using XML

Menus and Submenus

jQuery Introduction

- [jQuery Intro](#)
- [jQuery Install](#)
- [jQuery Syntax](#)
- [jQuery Selectors](#)
- [jQuery Events](#)

jQuery Effects

- [jQuery Hide/Show](#)
- [jQuery Fade](#)
- [jQuery Slide](#)
- [jQuery Animate](#)
- [jQuery stop()](#)
- [jQuery Callback](#)
- [jQuery Chaining](#)

jQuery Forms

- Form Selector
- Form Event
- Form elements
- Form validation

jQuery Event handling

jQuery Browser Events

jQuery Mouse Events

jQuery Keyboard Events

jQuery HTML

- jQuery Get
- jQuery Set
- jQuery Add
- jQuery Remove
- jQuery CSS Classes
- jQuery css()
- jQuery Dimensions

jQuery AJAX

- jQuery AJAX Intro
- jQuery Load
- jQuery Get/Post

jQuery Misc

- jQuery noConflict()

You will learn how to write your own code for

- ## *Photo gallery*

- *Animated Banners for website including navigation*
- *Dropdowns*
- *Tabs*
- *Accordions*
- *Collapsible panels*
- *Tool tips*
- *Graphs etc.*

Thanks and regards,
For Midas Multimedia
Authorized Signatory

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