

Advanced UI/UX Designing

Photoshop, Illustrator, Corel Draw, Wireframe sketcher, HTML 5, CSS3 (web 3.0), SASS / Less, Bootstrap, Javascript, jQuery, Angular.js, Dreamweaver, Word press 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
 Introduction

Geolocation API

Module 10: HTML5 APIs
HTML5 JavaScript APIs: overview
Web Sockets
Web Workers
Drag-and-Drop

Module 11 Migrating From HTML4 to HTML5

Migration Check List

CSS 2 and 3

Module 12 What is CSS
What is new in CSS 3
Selectors
Pseudo classes
Attribute selectors
Advanced Selectors

Module 13 Backgrounds
Border
Color
Fonts
Text

Module 14 Multi-column layout
Content
Divisions
Division based Layouts
Transforms
Transitions
Animations
Cross Browser Issues
Flex
Grid

Module 13 Desktop and Mobile Website Development

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

Nigdi : Sector 28, Plot No. 400, Near Bhagini Bank, Pradhikaran, Nigdi, Pune - 411044. Tel : 9975197642.

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

Website : www.midasmultimedia.in

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

Nigdi : Sector 28, Plot No. 400, Near Bhagini Bank, Pradhikaran, Nigdi, Pune - 411044. Tel : 9975197642.

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

Website : www.midasmultimedia.in

- 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.*

Introduction to Angular.js
Wordpress / Joomla
Filezilla

Thanks and regards,
For Midas Multimedia
Authorized Signatory

Nigdi : Sector 28, Plot No. 400, Near Bhagini Bank, Pradhikaran, Nigdi, Pune - 411044. Tel : 9975197642.

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

Website : www.midasmultimedia.in