

Website Design

By Alabian Solutions Ltd
08034265103, info@alabiansolutions.com
www.alabiansolutions.com
2016



TECHNOLOGIES	DATE	TIME
Day 1		
HTML Part 1		9am – 1pm
Intro to the web		
<ul style="list-style-type: none">• The web• Clients• Servers• Browsers• Browser Usage• Client/Server• FTP Clients: CoreFTP		
HTML		
<ul style="list-style-type: none">• Anatomy of a website• HTML: What is HTML• HTML: Editors• Anatomy of HTML tag• HTML Basics• Head and Body• Headline• Paragraphs• Line breaks• Lists• Ordered list• Formatted text• Images• Links• Commenting in HTML• Grouping elements• HTML validators		
Practical		1pm – 2pm
Day 2		
HTML Part 2		9am – 1pm
HTML Advanced		
Tables		
<ul style="list-style-type: none">• Table element• The table caption		
Grouping sections of a table		
<ul style="list-style-type: none">• Rowspan• Colspan• Head• Body• Foot		



Forms

- Form element
- Input element
- Label element
- Checkboxes
- Radio Button
- The select element
- Textarea
- Button element
- Form processing

Iframes

- Iframe element
- Iframe embeds: Maps
- Iframe embeds: Calender

Multimedia

- The Object element
- The Embed element
- Embeds: Youtube

Multimedia in HTML5

- Video file format
- The Video element
- Multiple video sources
- The audio element
- Multiple audio sources

Practical

1pm – 2pm

Day 3

CSS Part 1

9am – 1pm

CSS

- Anatomy of a website
- What is CSS
- Anatomy of CSS

Where to put CSS

- Internal (embedded)
- External (link)
- Inline

Selectors

- Types of selector
- Type selector
- Class selector
- Id selector
- Position in document
- Element plus class selector



- Pseudo classes
- Grouping selectors

Cascade rules

CSS styles

Coding convention

Naming convention

Comments

Property value pairs

Property color

Property background color

Finding colors

Font-family

Finding fonts

CSS3 fonts

Property font size

Property font-size em

Font-size px

Font-size (%)

Font-style

Font-weight

Short hand properties

Practical

1pm – 2pm

Day 4

CSS Part 2

9am – 1pm

CSS Layout

- Height and width
- Box model
- Margin
- Auto margin
- Border
- Border thickness
- Border style
- Border color
- Padding
- Exercise

Position

- Normal
- Relative
- Absolute
- Z-index
- Float
- Clear

Page layout

HTML 5 layout



Practical

1pm – 2pm

Day 5

Photoshop Part 1

Getting started with Photoshop

- What is Photoshop?
- Photoshop interface
- Photoshop tools
- Pan and Zoom
- Opening an image
- Opening multiple images
- Viewing multiple images in full screen mode
- Creating an image
- Placing an image
- Different ways of applying color to an image
- Using Photoshop color picker
- Applying a gradient to an image
- Different file formats
- Saving an image

Basic photo manipulation

- Cropping images
- Straighten images
- Perspective cropping
- Transforming images
 - Distorting images
 - Skew image
 - Image perspective
- Smart objects

Text

- Text option bar tool
- Character panel
- Warping text
- Creating simple text effect

Putting everything together

Practical

1pm – 2pm



Day 6

Photoshop Part 2 9am – 1pm

- Layers**
- Layer basics
 - Duplicate layer and Opacity
 - Layer style effect
 - Saving a layer style
 - Creating a clipping mask
- Image retouching**
- Using a content aware
 - Patch tool
 - Content-aware move
 - Clone stamp tool
 - Healing tool
 - Spot healing tool

End
Practical 1pm – 2pm

Day 7

Intro to Javascript and CSS project 9am – 1pm

Practical 1pm – 2pm

Day 8

Bootstrap 9am – 1pm

- Getting started with bootstrap**
- Why bootstrap
 - Overview of responsive web design
 - Adjusting a layout
 - Getting bootstrap ready
- Bootstrap grid system**
- What is a Grid system
 - Building a basic grid
 - Creating a dynamic layout
 - Designing for desktop
 - Designing for tablets
 - Designing for mobile
 - Nesting column
 - Offsetting column
 - Reordering grids

Project
Practical 1pm – 2pm



Day 9

Project

9am – 2pm

Day 10

Web Design project

9am – 2pm

Day 11

Web Design project

9am – 2pm