

*Dear Student,*

*Based upon your enquiry we are pleased to send you the course curriculum for HTML5*

## **Introducing HTML5 and CSS3 Course Outline**

### **Introducing HTML5 and CSS3**

**Why do we need HTML5?  
What happened to XHTML?  
A tiny history of markup  
The promise of a semantic web**

### **The New and the Old**

**New structural tags  
New content tags  
New attributes  
Deprecated elements  
Semantic tagging**

### **Document Structure**

**Structuring top-level elements  
Structuring interior content  
Building headers  
Checking document outlines  
Navigation elements**

### **New Form Controls**

**New input types  
Setting form autofocus  
Using placeholder data  
Marking required fields  
Working with number inputs**

## The HTML5 API

- Canvas overview
- Adding canvas content
- Canvas vs. SVG
- Drawing operations

## Video and Audio

- Video overview
- Audio and video containers
- Audio and video codecs
- Supported formats
- Mobile considerations

## Introducing CSS3

- CSS1 v. CSS2 v. CSS3
- What's new in CSS3
- Why do we need it?
- CSS3 and HTML5
- CSS3 and JavaScript

## Corners, Colours, Backgrounds

- Rounded corners
- Color and opacity
- Border Image
- Gradients
- Multiple backgrounds

## Techniques and Effects

- Text and box shadows
- Creating reflections
- Scaling and transformations

## Fonts and Text Handling

- Multi-column layout
- Text overflow ellipsis
- @font-face

Font services and APIs  
Google Fonts service

### Transformation & Animation

Scaling, skewing and rotating  
Working with transition

Triggers and events  
The potential of JavaScript

### HTML5, CSS3 Here and Now

Current browser support  
Mobile support  
HTML5 v. Flash  
What to use now  
What to use soon