Dear Student,

Based upon your enquiry we are pleased to send you the course curriculum for Web Development

Given below is the brief description for the course you are looking for:

HTML and CSS

HTML

Markup Languages
Structure of HTML
Basic HTML Tags
HTML Elements
HTML Attributes
HTML Headings
HTML Paragraphs
HTML Formatting
HTML Fonts
HTML Styles
HTML Links
HTML Images
HTML Tables
HTML Lists
HTML Forms
HTML Frames
HTML Iframes
HTML Colors
HTML Colornames
HTML Colorvalues
HTML Quick List
Difference between HTML & XHTML
XHTML Basics
Introduction to Doc Types

HTML Advanced

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HTML Layout
HTML Doctypes
HTML CSS
HTML Head
HTML Meta
HTML Scripts
HTML Entities
HTML URLs
HTML Webserver
HTML Summary

Web Design with CSS

Introduction to Cascading Style Sheets
Types of Style Sheets
Types of CSS Selectors
CSS properties
CSS Styling
Styling Backgrounds
Styling Text
Styling Fonts
Styling Links
Styling Lists
Styling Tables

CSS Box Model
CSS Box Model
CSS Border
CSS Outline
CSS Margin
CSS Padding

CSS Advanced
CSS Grouping/Nesting
CSS Dimension
CSS Display
CSS Positioning

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CSS Floating
CSS Align
CSS Pseudo-class
CSS Pseudo-element
CSS Navigation Bar
CSS Image Gallery
CSS Image Opacity
CSS Image Sprites
CSS Media Types
CSS Attribute Selectors
Converting Table layout to CSS
Custom CSS Layout Design
Creating simple and dropdown menus
Creating Appealing forms using CSS
CSS Tips and Optimization Techniques

Adobe Photoshop CC

Introduction of Stock Photography
Types of Images and Image Editing Tools
Introduction to Adobe Photoshop
Using Photoshop Tools
Layers, Actions and Filters
Creating Custom Effects
Design Banners for Website
Basic Website Layout
12 Grid Layouts(For Desktops and Tablets)
6 Grid Layouts(For Smartphones)

PHP Installation

PHP Introduction
PHP installation
First Program on PHP
Echo and Print command

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PHP Fundamentals

PHP Variables with program

Conditional Statement

- If-else
- Switch

Looping

- For Loop
- While Loop
- Do-While Loop
- Foreach loop

Functions in PHP

Arrays in PHP

- Single Array
- Associative Array
- Array Traversal using loop
- Arrays system defined function

PHP with HTML

- Integration of HTML Form with PHP Form
- Integration of HTML on PHP Form
- Fetching Data using GET and Post Request
- Fetching Data using Request Object

Control Statement

- Include
- Require
- Include_once
- Require_once

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Error Reporting
String Functions
Date and Time Functions
File Handling
- Reading and Writing Files
- Reading Data from a File
- Writing Data to a File

Downloading files
Uploading files
State Management
- Sessions(Store, Retrieve and Delete)
- Cookies(Store, Retrieve and Delete)

Registration Forms
Mailing in php
Web Hosting

MySQL and SQL Server

Introduction of Database

Create and use database
datatype
Create table
Data integrity
Ddl statement
Dml statement

Insert update Delete Query

Simple insert query
Update query

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Delete query

Selection of Data(using select query)

Select all data

Select specific column

Customize the display (change the col name in display)

Concatenate the text value in the output

Calculating the column

User of where clause

Using arithmetic operation

Using comparisons operator

Using and/or operator

Range

In and not in

Like operator

Null value

Use of order by

Functions in MySql

Use of string function

Use of date function

Use of mathematical function

Aggregate and Group by

Min

Max

Sum

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Count
Group by

Joins
Inner join
Outer join and its type
Cross join
Self join

Subqueries
Nested subqueries

Constraints
Primary key constraint
Unique key constraint
Foreign key constraint
Alter
Add column
Dropping table

Using PHP with MySQL

Managing Database Connections
Performing Queries
Data handling in Grid
Processing Result Sets
Queries Which Return Data

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Queries That Alter Data

Java Script

Client and Server side scripting
Introduction to Java Script
Programming Concepts
Objects and Events
JS Comments
JS Variables
JS Operators
JS Comparisons
JS If...Else
JS Switch
JS Popup Boxes
JS Functions
JS For Loop
JS While Loop
JS Break Loops
JS For...In
JS Events
JS Try...Catch
JS Throw
JS Special Text
JS Guidelines

JS Objects
JS Objects Intro
JS String
JS Date
JS Array
JS Boolean
JS Math
JS RegExp

JS Advanced

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JS Browser
JS Cookies
JS Validation
JS Timing
Common Functions
Using Dreamweaver Java Script Features
Java Script Validations

JQUERY

Jquery Syntex

Jquery Selectors

Jquery Events

Jquery HTML

Jquery CSS

JQuery Animation

Conflict with jquery

Customized Jquery Apps

JQuery Menus

Jquery Image Slider

JQuery Accordions & Collapsibles.

Scrolling Contents.

User Interface Designing using jQuery.

AJAX

Introduction to AJAX

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Introduction to XMLHttpRequest Object
Method and Properties of XMLHttpRequest

Introducing HTML5 and CSS3

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

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Navigation elements

New Form Controls

New input types

Setting form autofocus

Using placeholder data

Marking required fields

Working with number inputs

Validate Form using Html5

The HTML5 API

Canvas overview

HTML-5 Geo Location

Adding canvas content

Canvas vs. SVG

Video and Audio

Video overview

Audio and video containers

Audio and video codecs

Supported formats

Mobile considerations

Introducing CSS3

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What's new in CSS3

Why do we need it?

CSS3 and HTML5

CSS3 and JavaScript

Corners, Colours, Backgrounds

Rounded corners

Colour and opacity

Border Image

Gradients

Multiple backgrounds

Techniques and Effects

Text and box shadows

Scaling and transformations

Fonts and Text Handling

Multi-column layout

@font-face

Google Fonts service

Transformation & Animation

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Scaling, skewing and rotating

Working with transition

HTML5, CSS3 Here and Now

Current browser support

Mobile support

HTML5 v. Flash

Responsive Layouts

Understanding Responsive Behaviour

12 Grid layout (1200px) For **Large Screen Desktop**.

12 Grid layout (960px) For **Medium Screen Desktop**.

12 Grid layout (768px) For **Tablets & IPads**.

6 Grid layout (360px) For **Smartphones**.

Create **responsive Layouts** using **CSS Media Query**.

Responsive Layouts using Dreamweaver CC.

Device Testing on **Iphone** and **Android Phones**.

Bootstrap Framework

Twitter Bootstrap Introduction and use

Installation of Bootstrap

Bootstrap CSS & JS

Bootstrap Image Slider

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Bootstrap Menus

Bootstrap Components (Model Form)

Bootstrap Project

Compatibility Testing

Various Browser Versions

Validating the XHTML & CSS

Common Compatibility Issues

Internet Explorer IE Compatibility (upto IE 7)

W3C Validations and Standards.

Classes And Objects in PHP 5

Objects oriented programming

Define a class

An Object

Creating an object

Object properties

Object methods

Object constructors and destructors

Class constants

Class inheritance

Abstract classes and methods

Interface and implementation

Checking for class and method existence

Joomla

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Introduction and Installation of Joomla
Configuration setting of Joomla
Creating web page in joomla(Category, Article)
Add images in joomla
Create hyperlink in joomla
Embedded video and Flash in joomla
Banner Rotator in Joomla
Installing Extensions in Joomla
Adding a blog in Joomla

WORDPRESS

Introduction to Wordpress
Basics of the WordPress
Instllation of Wordpress
Finding and Using WordPress Plugins
using different wordpress Themes
WordPress Content Management
Creating and Managing Content

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