



## Web Site Development (Dynamic & Statistic)

### 1<sup>st</sup> Chapter: (HTML & Dreamweaver 8.0)

#### HTML Coding

- a. Creating a HTML Page
- b. HTML Tags
- c. Paragraph and Text Formatting
- d. Lists
- e. Horizontal Ruling Lines
- f. Incorporating Images
- g. Specifying Colors in HTML
- h. Page Color and Background
- i. Specifying Font Information

### 2<sup>nd</sup> Chapter: (HTML & Dreamweaver 8.0)

#### HTML Hyperlinks and Tables

- a. Links and Images as links
- b. Anchor Tag
- c. Introduction to Tables
- d. Tables and Data Alignment Options
- e. Changing Height and width of Table Elements
- f. Column and Row spanning

### 3<sup>rd</sup> Chapter: (HTML & Dreamweaver 8.0)

#### HTML Forms And Frames

- a. Forms Overview
- b. Form Tag
- c. Web form Fields
- d. Introduction to frame

### 4<sup>th</sup> Chapter: (Photoshop cs)

#### Standard Tools

- a. Selection tools
- b. Text tools
- c. Image
- d. Make text color and effects

### 5<sup>th</sup> Chapter: (Photoshop cs)

- a. Size and resize canvas
- b. Changing image size
- c. Slice Tools

### 6<sup>th</sup> Chapter: (CSS)

- a. Introduction to CSS
- b. External Style Sheet
- c. Internal Style Sheet
- b. Inline Styles
- c. Multiple Style Sheets

### 7<sup>th</sup> Chapter: (CSS)

- a. Data Types

- b. Keywords
- b. Color
- c. Length
- d. URI

### 8<sup>th</sup> Chapter: (CSS)

- e. The letter-spacing Property
- f. The word-spacing Property
- g. Indenting Paragraph Text Using text-indent
- h. Aligning Text with the text-align Property
- i. The text-decoration Property
- j. The text-transform Property

### 9<sup>th</sup> Chapter: (CSS Box Model)

- a. Borders
- b. border-width
- c. border-style
- d. border-color
- e. Padding
- f. Margins

### 10<sup>th</sup> Chapter: (CSS Styling Tables)

- a. Table Captions
- b. Table Columns
- c. Grouping Table Data
- d. Other Table Styles

### 11<sup>th</sup> & 12<sup>th</sup> Chapter: (Swish 2.00 for Flash)

- a. Creating Your First SWiSH Movie
- b. Using Actions to Control your Movie
- c. How to make an Animated Button
- d. Importing and Working with Images and Vector Graphics
- e. Adding Music and Sounds
- f. Using SWiSH with other programs

### 13<sup>th</sup> Chapter: (PHP & MySQL)

#### Installing PHP and MySQL

- a. Apache Concept
- b. Installing PHP
- c. Installing MySQL
- d. Writing a PHP Page
- e. PHP Variables
- f. Interact with the user
- g. Collecting the Data and sending the WEB server Request

### 14<sup>th</sup> Chapter: (PHP)

#### Variables, Constants and Data Types

- a. Data Type



## **Web Site Development (Dynamic & Statistic)**

- b. Constants
- c. Variable Declaration and initialization
- d. Variable Variables
- e. Useful function for Variables

### **15<sup>th</sup> Chapter: (PHP)**

Operators and Statements

- a. Arithmetic, Comparison and logical Operators
- b. The String Concatenation Operator
- c. Variable Assignment
- d. If Statements

### **16<sup>th</sup> Chapter: (PHP)**

Conditional Statements and Loops

- a. Switch Statements
- b. While Loops
- c. For Loops

### **17<sup>th</sup> Chapter: (PHP)**

Arrays

- a. Simple Arrays
- b. Initializing Arrays
- c. Numerically & String Indexed Array
- d. Multi-Dimensional Arrays
- e. Array Manipulation and Arrays related Function

### **18<sup>th</sup> Chapter: (PHP)**

Functions

- a. Function Structure
- b. Passing Arguments
- c. Variable Scope and life time
- d. Nested Functions and Recursion
- e. Using include() and require()

### **19<sup>th</sup> Chapter: (PHP)**

String Manipulation and Regular Expressions

- a. String Functions
- b. Regular Expressions
- c. Search and replace by Regular Expressions

### **20<sup>th</sup> Chapter: (PHP)**

File Handling and Data Storage

- a. Opening, closing and displaying files
- b. Reading & Writing from files
- c. Copying, Deleting, Renaming Files.
- d. Working with Directories
- e. Uploading Files from the clients

### **21<sup>st</sup> Chapter: (PHP)**

Cookies and Sending E-Mail

- a. Cookies Overview
- b. Accessing a Cookie
- c. Setting and deleting a Cookie
- d. Sending HTTP Headers

### **22<sup>nd</sup> Chapter: (Database)**

- a. General Concept of Database
- b. Database Architecture
- c. Relational Database Concepts
- d. Creating Database
- e. Creating Table
- f. Row, column, fields and Data type

### **23<sup>rd</sup> Chapter: (Database)**

Structured Query Language

- a. Select, insert, update, delete
- b. Alter tables

### **24<sup>th</sup> Chapter: (My SQL)**

Structured Query Language

- a. Designing Web Database
- b. Tables
- c. SQL

### **25<sup>th</sup> Chapter: (My SQL)**

Database Administration

- a. User and DB level Privileges System
- b. Secure MySQL Database
- c. Backing Up and Restoring MySQL Database

### **26<sup>th</sup> Chapter: (PHP and My SQL)**

PHP and MySQL Resource

- a. Help file of PHP and MySQL
- b. Web Resource of PHP and MySQL

### **27<sup>th</sup> - 30<sup>th</sup> Chapter: (Project)**

Project, Review and Exam

### **31<sup>th</sup> & 32<sup>th</sup> Chapter: (Project)**

Final Project and site Hosting

Course Duration: 4-6 months

Course Fee: 15,000.00

Class Time: (Minimum 80 Hour's.)