

# Dreamweaver CS5.5 TOC

## Book 1

*Installing/Activating, Internet Fundamentals and Site Planning*

### **Introduction**

1. Course Overview
  - Entry requirements
2. Study Plan
  - Assignments
3. Using the VLC Website
  - VLC login
  - Main course study on the VLC
4. Useful Websites
5. Installation Requirements
  - Windows
  - Macintosh

### **Installing Dreamweaver CS5.5**

- Before You Start
  - Pre-Installation Note
  - Installing

### **Activating Dreamweaver CS5.5**

- Important Note: Software Validation for Students in the United Kingdom
- Activation
  - Troubleshooting

### **Unit 1: Fundamentals of the World Wide Web**

- Overview
- Understanding the Web—Basic Internet Terminologies
  - What is HTML?
- Getting Connected
- Exploring Web Pages with Web Browsers
  - Using Firefox
  - Customising Firefox for Web Development
    - i. Open Files
    - ii. Refresh and Force Refresh Web Pages
    - iii. Modify Text Size
    - iv. View Internet Options
- Mozilla Firefox v. Internet Explorer
- Getting a Handle on HTML
  - HTML Tags
  - Attributes and Styles
- What You See Is What You Get
- Conclusion
- Project 1-1: Viewing Source Codes
  - Step-by-Step

Project Summary

## **Unit 2: Planning and Organising Your Website**

Overview

Planning Your Site from the Ground Up

Identify the Target Audience

Creating a Site Map From a Flowchart

Understanding Paths and Site Structure

Folder Names:

File Names:

Project 2-1: Creating a site structure

Suggested sites to develop:

Step-by-Step

Project Summary

Building a Website in Dreamweaver

Project 2-2: Defining a Website in Dreamweaver

Editing Sites

Project 2-3: Adding Folders and Files in Dreamweaver

Step-by-Step

Project Summary

## **Glossary**

Glossary of Terms

## **Book 2**

*Dreamweaver's Interface, Building a Site and Text Formatting*

## **Unit 3: Understanding the Dreamweaver Interface**

Overview

The Dreamweaver Workspace – a Quick Tour

Setting the Workspace View

The Dreamweaver Interface

The Document and Browser Toolbars

The Insert Panel

The Document Window

The Properties Inspector

Additional Functional Areas in Dreamweaver

Learning Check

The Functional Areas of Dreamweaver CS5.5

The Document and Browser Toolbars

Live View options

The Insert Panel

Additional Categories in the Insert Panel

Panel Groups

The Document Window

The Properties Inspector

Copying Exercise Files to a New Website: Step-by-Step

In Conclusion

## **Unit 4: Layouts and Alignments – Building Your First Web Page**

Overview

Copying Exercise Files to a New Website: Step-by-Step

About File Naming and Page Titles

Modifying Basic Page Properties

Project 4-1: Modifying Page Backgrounds

Step-by-Step

Project 4-2: Setting Page Margins

Step-by-Step

Project 4-3: Setting Text and Link Colours

Step-by-Step

Colour Considerations in Web Design

Previewing Pages in a Browser and in Live View

In Conclusion

## **Unit 5: Working with Text**

Overview

Understanding Text and Typefaces

Considerations When Working with Text

Copying Exercise Files to a New Website: Step-by-Step

Project 5-1: Inserting Paragraph and Break Tags

Step-by-Step

Looking Forward

Project 5-2: Text Formatting with the Properties Inspector

Step-by-Step

Caveat

Project 5-3: Controlling Text Appearance

Understanding Font Styles

Step-by-Step

Project 5-4: Aligning Text

Step-by-Step

Using Lists and Indents

Project 5-5: Using Ordered and Unordered Lists

Step-by-Step

Project 5-6: Setting Indents

Step-by-Step

Project 5-7: Setting Bold and Italic Styles

Step-by-Step

Understanding Font Sizing in Web Pages

Recapping

Learning Check

Working with Hyperlinks

Absolute and Relative Links

Project 5-8: Creating an Absolute Link

Step-by-Step

Project 5-9: Using the Browse to File Function

Step-by-Step

Project 5-10: Using the Point to File Feature  
Step-by-Step  
Project 5-11: Creating an E-Mail Link  
Step-by-Step  
Project 5-12: Inserting Page Anchors  
Step-by-Step  
Learning Check  
In Conclusion

### **Book 3**

*Design Principles and Graphic Design*

#### **Unit 6: Working with Images**

Overview

Image File Formats for the Internet

Bitmaps, Rasters and Vectors – Understanding Image Types

Graphic Interchange Format – GIFs

Joint Photographic Experts Group Format – JPEGs

Portable Network Graphic Format – PNGs

Shockwave Flash Format – SWFs

Considerations in the Use of Images

Learning Check

Copying Exercise Files to a New Website: Step-by-Step

Project 6-1: Inserting Images into a Web Page

Step-by-Step

Summary

Project 6-2: Inserting Rollover Images

Step-by-Step

Web Standards and the Images Incarnation of the Properties Inspector

The Good

The So-So

The Bad

Learning Check

Images and Copyright Issues

Project 6-3: Gathering Image Copyright Information

Step-by-Step

Project 6-4: Inserting Flash Video

Step-by-Step

Using Adobe Bridge CS5

Project 6-5: Using Bridge to Organise and Insert Assets

Step-by-Step

Project 6-6: Using Bridge with Photoshop Integration

Step-by-Step

Project 6-7: Using Fireworks Roundtripping

Step-by-Step

In Conclusion

## **Unit 7: Controlling Page Layout**

Overview

Web Standards

Page Layout Principles

Alignment

Repetition and Consistency

Contrast

Do's and Don'ts of Good Page Design

Learning Check

Preparing for CSS-Based Layouts

Understanding Cascading Style Sheets (CSS)

CSS Syntax

CSS Selector Types

Document Type Declaration

The Natural Flow in the Document

Box Model

CSS Positioning Techniques

Static Positioning

Absolute Positioning

Relative Positioning

Fixed Positioning

Reviewing the Principles of CSS Layout

Learning Check

Copying Exercise Files to a New Website: Step-by-Step

Creating Page Divisions

Project 7-1: Inserting a DIV

Step-by-Step:

Project 7-2: Creating Columns with Absolute Positioning

Step-by-Step

Project 7-3: Using Floats to Create Columns

Step-by-Step

Step-by-Step

Project 7-4: Clearing Floats

Step-by-Step

Project 7-5: Exporting to an External Style Sheet

Step-by-Step

Learning Check

In Conclusion

## **Book 4**

*Creating a Complete Web Standards Site and Productivity Features*

## **Unit 8: Advanced Page Design with Cascading Style Sheets**

Overview

Modifying Pages with Cascading Style Sheets

Copying Exercise Files to a New Website: Step-by-Step

Project 8-1: Structuring Page Content with div Tags  
Step-by-Step

Project 8-2: Creating the External Cascading Style Sheet  
Step-by-Step

Project 8-3: Designing the Basic Layout with CSS  
Step-by-Step  
Creating and Positioning Page Containers  
Learning Check

Project 8-4: Creating and Applying Custom Classes  
Step-by-Step

Project 8-5: Creating Descendant Selectors  
Step-by-Step

Project 8-6: Styling Lists of Links  
Step-by-Step

Project 8-7: Using Dreamweaver CS5 CSS Management Features  
Organising CSS Rules  
Learning Check

Project 8-8: Using the New CSS Starter Pages

Project 8-9: Dreamweaver CS5's CSS Troubleshooting Tools  
Step-by-Step  
Internet Explorer Conditional Comments

In Conclusion  
Learning Check

## **Unit 9: Dreamweaver's Automated Design Tools**

Overview

Copying Exercise Files to a New Website: Step-by-Step

Exploring the Assets Panel

Project 9-1: Creating and Using Library Items  
Step-by-Step

Working with Templates

Project 9-2: Creating a New Template  
Step-by-Step

Project 9-3: Applying and Updating Templates  
Step-by-Step  
Learning Check

Designing with Behaviors

Project 9-4: Exploring the Behaviors Interface  
Step-by-Step

Working with Dreamweaver Extensions

Project 9-5: Installing and Managing Extensions  
Step-by-Step  
Learning Check

In Conclusion

## **Book 5**

*Adding/Styling Page Features and Publishing/Managing Sites*

## **Unit 10: Communicating through Tables, Forms and Media**

Overview

Copying Exercise Files to a New Website: Step-by-Step

Adding Tabular Data to a Page

Understanding Tables

Project 10-1: Inserting Tables and Structured Data

Step-by-Step

Project 10-2: Designing a Table with CSS

Step-by-Step

Additional Word Import Options

Exploring Interactive Technologies

Designing a Web Page with Forms

Project 10-3: Creating a Contact Form

Step-by-Step

Project 10-4: Working with Menus, Radio Buttons and Checkboxes

Step-by-Step

Processing Forms

FormMail

PHP

Active Server Pages (ASP)

ColdFusion

Applying an action to a form

Learning Check

Project 10-5: Styling Forms with CSS

Step-by-Step

Learning Check

Project 10-6: Working with Plug-Ins

Step-by-Step

Project 10-7: Inserting a Spry Tabbed Panel

Step-by-Step

Learning Check

In Conclusion

## **Unit 11: Publishing and Managing Site Files**

Overview

Choosing a Web-Hosting Service

Types of Web-Hosting Services

Question and Answer

Considerations in Choosing Hosting Services

Gathering Essential Information

Project 11-1: Managing File Transfers with the Files Panel

Step-by-Step

Learning Check

In Conclusion

## **Book 6**

*Advanced Web Development: HTML5, CSS3, and CSS3 Media Queries*

## **Overview: Units 12-15**

- Building an HTML5/CSS3 Web Site
- Structuring the Content on the Index Page
- New Form Elements and Inputs on the Form Page
- Using the Video Element with Fall-backs on the Video Page
- Formatting the Faculty Table Page
- Using CSS3 Media Queries
- Dealing with Browser Differences

## **Unit 12: The Basics of HTML5**

- What is HTML5 and What Can I Use Now?
- The HTML5 Content Models
- Outlining Algorithm
- Outlining Tools
- New Semantic Elements
  - The Header and Footer Elements
  - Headings and hgroup Elements
  - The Sectioning Elements
- Copying Exercise Files to a New Website: Step-by-Step
- Project 12-1: Creating an HTML5 Document
  - Step-by-Step
- Project 12-2: Creating the Basic Layout
  - Step-by-Step
- Project 12-3: Inserting the Content
  - Step-by-Step
- Project 12-4: Running the Page through an HTML5 Outliner
  - Step-by-Step
- Learning Check
- Project 12-5: Using WAI-ARIA
  - What is ARIA-WAI?
  - ARIA Structure and Landmark Roles
  - Step-by-Step: Completing the Markup
  - Href Attribute Selector
- Learning Check
- Conclusion

## **Unit 13: Styling with CSS and CSS3 and Custom Fonts**

- Overview
- Copying Exercise Files to a New Website: Step-by-Step
- Project 13-1: Setting Global Styles
  - Step-by-Step
- Project 13-2: Building the Structure
  - The Container div
  - Step-by-Step
- Project 13-3: Styling Headings
  - Step-by-Step
- Project 13-4: Using @font-face to Style Headings
  - Step-by-Step

Learning Check  
Project 13-5: Using CSS3 to Add Pizazz  
    Step-by-Step  
        Using Border-radius for Rounded Corners  
Project 13-6: Creating the Sidebar1 Buttons  
    Step-by-Step  
Learning Check  
Conclusion

## **Unit 14: Using HTML5, CSS3 and jQuery to Develop Page Content**

Overview  
Copying Exercise Files to a New Website: Step-by-Step  
Project 14-1: Site Tasks  
    Step-by-Step  
        Exporting the Styles  
        Validating the HTML and the CSS  
        Verifying Cross Platform Integrity with BrowserLab  
Project 14-2: Generating a Site Template and Pages  
    Step-by-Step  
        Add the Editable Regions  
Project 14-3: Using the Video Element on the Video Page  
    Video Converters  
    Multiple Methods  
    Step-by-Step: Adding the Flash Video  
    Adding the HTML5 Video Element  
Project 14-4: Creating an HTML5 Form  
    Step-by-Step: Creating the Contact Form  
    Jazzing up the Form with HTML5 Goodness  
    Styling the Form  
    Adding Type Attribute Selectors  
Learning Check  
Project 14-5: Styling a Data Table with the :nth child Pseudo Class  
    Step-by-Step: Preparing the Page  
    Adding the CSS  
    Making the Table Easier to Read  
    Helping Internet Explorer Along  
Project 14-6: Using the Widget Browser  
    Step-by-Step: Using the Widget Browser  
    Completing the Classes Page  
    Adding the Social Media Widget  
Learning Check  
Conclusion

## **Unit 15: CSS Media Queries and the Responsive Web**

Overview

What is a CSS3 Media Query?

Ways to Add Media Queries to Style Sheets

Browser Support

Some Uses for Media Queries

Copying Exercise Files to a New Website: Step-by-Step

Project 15-1: Using the Media Queries Dialog Box

Step-by-Step

Project 15-2: Creating the Tablet Style Sheet

Step-by-Step

Project 15-3: Creating the Smart Phone Style Sheet

Step-by-Step

Project 15-4: Dealing with Long Addresses in Table Cells

Step-by-Step

Learning Check

Conclusion

HTML5 Sites

CSS3 Sites

More Scripts to Help Browsers Understand HTML5 and CSS3

Miscellaneous

## **Book 7**

*Adobe Certified Associate Study Guide*

### **Appendix A: Working as Part of a Team**

Overview

Understanding the design workflow

Defining the Goals of a Website as a Team

Defining the goals of a site

Determining Site Structure and File Naming

Establishing a Project Plan

Collaborating Using Storyboards and Wireframes

Creating a Storyboard

Creating a Wireframe

Performing Site Tests

Visual Design

Performing Site Tests with Dreamweaver

### **Preparing for the Adobe Certified Associate Exam**

About Certification

About the Examination

Exam Objectives

Setting project requirements

Planning site design and page layout

Understanding the Adobe Dreamweaver CS5 interface

Adding content by using Dreamweaver CS5

Organising content by using Dreamweaver CS5

Evaluating and maintaining a site by using Dreamweaver CS5

About this Practice Exam

**ACA Practice Exam 1**

Questions

**ACA Practice Exam 2**

Questions

**ACA Practice Exam 3**

Questions