

adobe dreamweaver cc classroom in a book 2017 release

Book Concept: Adobe Dreamweaver CC Classroom in a Book: 2017 Release - Mastering Web Design

Captivating Storyline/Structure:

Instead of a dry, textbook approach, this book will adopt a project-based learning methodology. The narrative will follow a fictional web design agency, "Pixel Perfect," as they tackle various client projects throughout the book. Each chapter focuses on a new client and a specific web design challenge, teaching Dreamweaver skills organically within the context of real-world scenarios. This creates a compelling story arc, engaging readers emotionally while subtly teaching complex Dreamweaver features. The challenges increase in difficulty, culminating in a final, complex project that integrates all the skills learned. This approach maintains reader interest while demonstrating practical application.

Ebook Description:

Tired of struggling with outdated web design tutorials and feeling lost in the labyrinth of Dreamweaver CC 2017? Building stunning, responsive websites shouldn't feel like climbing Mount Everest. You need a practical, engaging guide that teaches you real-world skills, not just abstract concepts.

"Adobe Dreamweaver CC Classroom in a Book: 2017 Release: Mastering Web Design" is your solution. This comprehensive guide uses a unique project-based approach, following the journey of a fictional web design agency as they tackle diverse challenges. Learn by doing, mastering Dreamweaver's powerful features through engaging real-world scenarios.

This book covers:

Introduction: Understanding Dreamweaver and setting up your workspace.

Chapter 1: The Local Coffee Shop: Building a simple website with basic HTML, CSS, and Dreamweaver's site management tools.

Chapter 2: The E-commerce Startup: Integrating e-commerce features using Dreamweaver's extensions and plugins.

Chapter 3: The Non-Profit Organization: Designing a responsive website optimized for various devices.

Chapter 4: The Corporate Giant: Implementing advanced features like dynamic content and database integration.

Chapter 5: The Personal Portfolio: Building a professional portfolio showcasing your newly acquired skills.

Conclusion: Advanced techniques and resources for continued learning.

Article: Adobe Dreamweaver CC Classroom in a Book: 2017 Release - A Deep Dive

1. Introduction: Setting the Stage for Web Design Mastery

Keywords: Dreamweaver CC 2017, Web Design, Introduction, Workspace Setup, Interface, Getting Started

Dreamweaver CC 2017, a powerhouse in the world of web design, can initially feel overwhelming. This introduction acts as your compass, guiding you through the initial steps of setting up your workspace and familiarizing yourself with the interface. We'll cover essential aspects such as:

Installing and Launching Dreamweaver: A step-by-step guide on downloading, installing, and launching the software seamlessly, addressing common installation issues.

Navigating the Dreamweaver Interface: Understanding the different panels, menus, and toolbars – your command center for web development. We'll focus on efficient workflows and keyboard shortcuts to speed up your design process.

Creating a New Site: Setting up a new website from scratch, including defining your site's local and remote folders, defining server settings for publishing, and choosing the appropriate template.

Working with Files and Folders: Mastering the organization of your website files within Dreamweaver's file management system, including how to create folders, move files, and manage version control.

Understanding Preferences: Customizing your Dreamweaver environment to fit your personal work style, including code formatting, color themes, and more.

This initial chapter lays the groundwork for a successful journey into web design with Dreamweaver.

2. Chapter 1: The Local Coffee Shop - Building a Foundation

Keywords: Basic HTML, CSS, Dreamweaver Site Management, Local Coffee Shop Website, Project-Based Learning

This chapter introduces the first client – a local coffee shop needing a simple, attractive website. Through this project, we'll cover fundamental HTML and CSS concepts, learning how to:

Creating Basic HTML Pages: Building the structural elements of a website using HTML tags, including headers, paragraphs, links, and images.

Styling with CSS: Applying styles to your HTML elements using CSS, including font styles, colors, spacing, and layouts. This will cover both inline styles and external CSS files.

Dreamweaver's Site Management Tools: Effectively using Dreamweaver's site-creation features and

utilizing its live view to see changes instantly, showcasing Dreamweaver's power to manage sites more efficiently.

Working with Images and Multimedia: Adding images and other media content to the website, optimizing images for web use, and linking images properly.

Testing and Publishing: Thorough testing of the website on different browsers and publishing the site to a local server or online hosting platform.

This chapter is all about building a solid foundation by combining fundamental web development concepts with the convenience of Dreamweaver.

3. Chapter 2: The E-commerce Startup – Expanding Functionality

Keywords: E-commerce, Dreamweaver Extensions, Plugins, Payment Gateways, Online Shopping Cart

This chapter introduces an e-commerce startup, requiring the integration of online shopping cart functionality. We'll explore:

Choosing an E-commerce Platform: Exploring different e-commerce platforms and plugins compatible with Dreamweaver. We'll weigh the pros and cons of each to assist you in choosing the right tools for this project.

Integrating Payment Gateways: Setting up secure payment gateways for online transactions. This will involve integrating with popular payment processors like PayPal or Stripe.

Managing Products and Inventory: Adding and managing products within the e-commerce platform. We'll delve into techniques for efficiently organizing products, categories, and inventory.

Designing the Shopping Cart and Checkout Process: Creating a user-friendly shopping cart and checkout process, ensuring a smooth and secure buying experience. This will cover issues of design and usability.

Testing and Debugging: Thoroughly testing the e-commerce functionality, identifying and resolving any issues that arise.

This chapter significantly expands upon the basic skills covered in Chapter 1, demonstrating Dreamweaver's capacity to handle more complex applications.

4. Chapter 3: The Non-Profit Organization – Responsive Web Design

Keywords: Responsive Design, Mobile-First Approach, Media Queries, Bootstrap, Fluid Grids

This chapter tackles the challenge of designing a website for a non-profit organization, emphasizing the importance of responsive web design. We'll cover:

Understanding Responsive Design Principles: Learning the fundamentals of responsive design, adapting layouts to fit various screen sizes and devices.

Mobile-First Approach: Designing for mobile devices first and then scaling up to larger screens. This is an

increasingly important design approach for modern websites.

Using Media Queries: Implementing media queries to dynamically adjust the website's layout based on screen size and orientation.

Working with Frameworks (Bootstrap): Leveraging popular responsive design frameworks like Bootstrap to streamline the process.

Testing on Different Devices: Testing the responsiveness of the website across a variety of devices and browsers.

This chapter introduces critical skills needed in today's mobile-first world, making the website accessible to the widest audience.

5. Chapter 4: The Corporate Giant – Advanced Features

Keywords: Dynamic Content, Database Integration, Server-Side Scripting, Advanced Dreamweaver Features

The penultimate chapter presents a complex project for a large corporation. This involves integrating advanced features:

Dynamic Content and Databases: Implementing dynamic content from external databases, using server-side scripting languages (PHP, ASP, etc.). This could involve using database connectors available with Dreamweaver or other integrated systems.

Working with Server-Side Includes (SSI): Using SSI to include reusable content across multiple pages of the website.

Advanced Templating: Creating and managing complex website templates with dynamic content using Dreamweaver's templating features.

Integrating External APIs: Connecting the website with external APIs to access external data, services, and functions.

Advanced Debugging and Optimization: Troubleshooting and optimizing complex website functionality for maximum performance.

This chapter pushes the boundaries of Dreamweaver's capabilities, showcasing its versatility in managing complex projects.

6. Chapter 5: The Personal Portfolio – Showcasing Your Skills

Keywords: Portfolio Website, Personal Branding, Web Design Showcase, Dreamweaver Best Practices

This final project involves the creation of a personal portfolio website, showcasing the skills learned throughout the book. This project reinforces learned skills and allows you to create a functional portfolio to showcase your abilities. This chapter emphasizes:

Designing a Professional Portfolio: Creating a visually appealing and user-friendly portfolio website that highlights your skills and experience.

Implementing Best Practices: Applying the best practices learned throughout the book to create a high-quality website.

Showcasing Your Work: Effectively presenting your past projects and design skills to potential clients or employers.

Optimizing for Search Engines: Implementing basic SEO techniques to improve the website's visibility in search engines.

Publishing and Maintaining: Publishing your portfolio website and understanding techniques for maintaining it over time.

This acts as a capstone project, tying together the skills learned and creating a tangible output.

7. Conclusion: Beyond the Basics

Keywords: Future of Web Design, Advanced Dreamweaver Techniques, Continued Learning, Resources

The conclusion summarizes key learnings, points to future directions in web design, and provides resources for continued learning. This includes:

Review of Key Concepts: A concise review of the major skills and concepts covered in the book.

Exploring Advanced Dreamweaver Features: A brief overview of additional Dreamweaver features not covered in detail, such as advanced CSS manipulation and Javascript integration.

Staying Up-to-Date with Web Design Trends: Guidance on staying current with the rapidly evolving field of web design and technologies.

Recommended Resources: A list of websites, books, and communities for continued learning and development.

This concluding chapter empowers the reader to continue their journey, embracing the ever-changing landscape of web development.

FAQs:

1. What version of Dreamweaver is this book based on? Dreamweaver CC 2017.
2. Do I need prior coding experience? Basic understanding of HTML and CSS is helpful but not required.
3. What type of projects are covered? A variety of projects simulating real-world scenarios.
4. Is this book suitable for beginners? Yes, it's designed for beginners and intermediate users.

5. What platforms are covered? The book focuses on building websites for desktop and mobile devices.
6. What kind of software do I need? Adobe Dreamweaver CC 2017.
7. Are there exercises and assignments? The book uses a project-based approach, essentially making each chapter an exercise.
8. What is the best way to learn Dreamweaver? This book offers a practical, project-based learning approach.
9. How can I stay updated with Dreamweaver updates? Adobe's official website is the best place to check for updates and tutorials.

Related Articles:

1. Dreamweaver CC 2017: A Comprehensive Overview: An in-depth look at the features and capabilities of Dreamweaver CC 2017.
2. Mastering CSS with Dreamweaver CC 2017: A detailed guide to using CSS within the Dreamweaver environment.
3. Responsive Web Design with Dreamweaver CC 2017: A focused guide on building responsive websites.
4. E-commerce Development with Dreamweaver CC 2017: Focuses on building online stores with Dreamweaver.
5. Dynamic Content and Databases in Dreamweaver CC 2017: Explores advanced features and database integration.
6. Using Dreamweaver Extensions and Plugins: Covers installing and using extensions to extend functionality.
7. Building a Personal Portfolio Website in Dreamweaver CC 2017: A step-by-step tutorial.
8. Troubleshooting Common Dreamweaver Errors: A guide to solving common problems encountered while using Dreamweaver.
9. Best Practices for Web Design with Dreamweaver CC 2017: A guide to creating professional and effective websites.

Additional Resources

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