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Adobe® Dreamweaver® CC (2017): Part 2

Course Specifications

Course Number: ELK92–006_rev2.0

Course Length: Need to manually insert hours/days

Course Description

You are familiar with creating web pages and now you will use Adobe® Dreamweaver® CC (2017) to enhance web pages by adding advanced functions such as movement, media elements, forms, and links to social media. You will also create responsive pages to ensure that your websites are compatible with various modern display devices, such as tablets and smartphones. You will create HTML email for email marketing or email newsletters. Lastly, you will share files over a server to work in a collaborative manner. All this will ensure that you develop a website that retains user interest by providing an engaging user experience across multiple display devices.

This course is a great component of your preparation for the Adobe Certified Expert (ACE) Dreamweaver CC exam and the Adobe Certified Associate (ACA) Web Authoring Using Adobe Dreamweaver CC exam. See the files in the Exam Mapping for Dreamweaver CC folder in the course data files for information on how the exam topics are addressed in the material.

Course Objective: In this course, you will be able to develop interactive and engaging websites that are compatible with multiple display devices.

You will:

- Implement basic design principles in writing a website.
- Author a site suitable for both mobile and desktop viewing.
- Create forms.
- Add movement through behaviors and CSS transitions.
- Insert audio and video media.
- Reach your target audience through social media and HTML email marketing.
- Manage website files through testing and synchronizing.
- Set project requirements.

Target Student: This course is designed for those who have some experience using Dreamweaver to design or modify websites and want to learn more. Students may be designing sites for the Internet or sites for their company's intranet. Students may be creating new sites or redesigning or updating existing sites. Students may be creating HTML email or newsletters. Web design may be only one part of the students' job duties. Or perhaps web design is the student's primary job function. Students may be artists or developers who wish to use a WYSIWIG tool for speed and ease of use.

Prerequisites: To ensure your success, you should have:

- Basic Windows skills.
- Basic knowledge of HTML5 and CSS. You can obtain this level of skills and knowledge by taking the Logical Operations course HTML5: Content Authoring Fundamentals.
- Basic knowledge of Dreamweaver, including how to create a page and site, and add and style text, images, links, and tables in Dreamweaver. You can obtain this level of skills and knowledge by taking the Logical Operations course *Adobe® Dreamweaver® CC (2017): Part 1*.

Hardware Requirements

For this course, you will need one computer for each student and one for the instructor. Each computer will need the following hardware configurations or better:

- Intel® Pentium 4 or AMD Athlon 64 (or compatible) processor
- At least 4 gigabyte (GB) RAM recommended
- 2.5 GB of available hard-disk space for installation; additional free space required during installation (cannot install on removable flash storage devices)
- 1,024 × 768 resolution monitor (1,280 × 800 recommended) with 16-bit video card
- Internet connection and registration necessary for required software activation, membership validation, and access to online services (contact your local network administrator)
- Keyboard and mouse (or other pointing device)
- Projection system to display the instructor's computer screen

NOTE: In addition to the operating system requirements, the faster the processor and the more RAM you have, the better.

Software Requirements

- Microsoft® Windows® 7 (with Service Pack 1), or 8/8.1, or 10
- Adobe® Dreamweaver® CC (2017)
- Microsoft® Internet Explorer®
- Google Chrome™
- If necessary, software for displaying the course slides (instructor machine only)

NOTE: In November 2016, Adobe updated Dreamweaver to the 2017 Release. This book is based on version 2017, and will refer to the software as Dreamweaver 2017.

NOTE: This course was created and keychecked using Windows 10

Course Content

Lesson 1: Design Considerations

Topic A: Fundamental Design Principles
Topic B: Usability and Accessibility

Lesson 2: Writing for Mobile Platforms

Topic A: Create Media Queries for Mobile Platforms
Topic B: Create Mobile Responsive Pages with Bootstrap
Topic C: Modify a Bootstrap Page

Lesson 3: Creating Forms

Topic A: Create a Form with Form Fields
Topic B: Validate a Form

Lesson 4: Creating Movement

Topic A: Apply CSS Transitions to Create Movement
Topic B: Apply Behaviors to Create Movement

Lesson 5: Adding Multimedia

Topic A: Insert Audio Files
Topic B: Insert Video Files

Lesson 6: Marketing Through Social Media and Email

Topic A: Plan a Social Media Strategy
Topic B: Add Links to Social Media
Topic C: Create Email Marketing Materials and Newsletters

Lesson 7: Testing and Maintaining Your Site

Topic A: Validate Your Site Against W3 Standards
Topic B: Share Website Files with Other Users
Topic C: Synchronize Your Site

Lesson 8: Setting Project Requirements

Topic A: Identify Purpose, Audience, Audience Needs
Topic B: Adhere to Copyright Rules for Site Content
Topic C: Determine and Evaluate Project Management Tasks and Responsibilities