

Adobe Photoshop CS4 Web Production

- **Course Length:** 1 Day

Course Overview

This instructor-led course teaches students how use Photoshop CS4 to create and optimize images for the web. They will also learn how to place web page components, arrange them aesthetically, and add interactivity to the page. Finally, the student will learn the steps to export a web page consisting of interactive images and view and test their functionality in internet browsers.

Prerequisites

It is recommended that the student have familiarity with Adobe Photoshop or have completed Adobe Photoshop CS4: Level 1.

Audience

This course is intended for web professionals with a basic knowledge of Photoshop who are interested in using Photoshop CS4 for web production.

Course Outline

<u>Course Introduction</u>	1m
<u>Lesson 01 - Preparing Web Images</u>	25m
Preparing Web Images	
Understanding Web Images	
Web Images	
Common Web Image Types	
Web Image Resolution	
Monitor Resolution for Images	
Comparing Monitor Resolution Images	
Why Use Pixels?	
Calculating Download Time	

Design Considerations
File Size Factors
Lossless vs. Lossy Compression
Compression Examples
Displaying Color on a Monitor
Methods to Reduce File Size
Demo: Comparing and Resizing Images
Lesson 01 - Review

Lesson 02 - Optimizing Images

1h 13m

Optimizing Images
Critical Key Concept
Web Image File Formats
Naming Web Files and Images
GIF Formatting Options
GIF Options Dialog
JPEG Formatting Options
Features of PNG Images
Image Optimization
Optimization Best Practices
Demo: Optimizing Images
Optimizing Flat Color Graphics
Dithering
Images with Shading and Gradients
Best Practices for Color Images
Demo: Optimizing Images with Flat Color, Shading and Gradients
Transparency in Web Images
Multi-Level Transparency
Transparency vs. Matte Colors
Demo: Applying Matte Colors and Transparency
Lesson 02 - Review

Lesson 03 - Preparing Images for Cross-Platform Viewing

31m

Preparing Images for Cross-Platform Viewing
Devices and Color
Color Management
Calibrate and Profile
Calibration Tasks
Photoshop and Color Management
Display Differences Across Platforms
The Proof Preview
Demo: Adjusting Images for Cross-Platform Display
Web-Safe Colors
Color Reduction Algorithms
Demo: Snapping to Web-Safe Colors
Lesson 03 - Review

Lesson 04 - Creating Web Page Layouts

47m

Creating Web Page Layouts
Photoshop in the Design Process

Creating a Rough
Text on Photoshop Web Pages
Spacing Considerations
Tip #1: Thumbnails
Tip #2: Linking Layers
Tip #3: Helpful Tools
Demo: Arranging Elements on a Web Page
Web Page Backgrounds
Backgrounds with Tiled Images
Fill Layers
Backgrounds with Fill Layers
Demo: Creating a Navigation Bar and Fill Layer Backgrounds
Editable Vector Shapes
Demo: Creating Shapes and Effects
Lesson 04 - Review

Lesson 05 - Exporting a Web Page

23m

Exporting a Web Page
Photoshop Slices
Slices
Types of Slices
Slice Optimization
Slice Options
The Slice Options Dialog Box
Demo: Creating Slices and Links
Exporting a Web Page
Demo: Generating HTML
Lesson 05 - Review

Lesson 06 - Creating Animations for Web and Mobile Devices

56m

Creating Animations for Web and Mobile Devices
Animation
Planning Animations
Animated GIFs
Layers
Animation Panel
The ANIMATION (FRAMES) Panel
Tweening
Demo: Creating a Frame Animation and Tween
Timeline Animations
The ANIMATION (TIMELINE) Panel
Saving Animated GIFs
Demo: Creating Timeline Animations and Saving Animated GIFs
Saving for Mobile Devices
Demo: Previewing Animations for Mobile Output
Lesson 06 - Review
Course Closure

Total Duration: 4h 18m