

# Adobe Photoshop CS4

Discover new dimensions in digital imaging

Adobe® Photoshop® CS4 Extended software delivers all the features in Photoshop CS4, plus new features for working with 3D imagery, motion-based content, and advanced image analysis.

Duration: 3 days

Time: 10am - 6pm. Breaks are scheduled throughout the day and lunch is typically scheduled between 12-1pm

Course Materials: Vendor Authorized Courseware provided

Related Courses: Photoshop - InDesign - Illustrator - Fireworks - Dreamweaver

Locations: Reston, VA / On-Site

## Course Synopsis

This class provides you with the concepts and skills to use Adobe Photoshop effectively. You get hands-on practice working with basic through advanced techniques to get the most out of your experience. You will learn layer basics, photo retouching and image editing. Whether you are a designer, illustrator, photographer, video artist, webmaster or just a beginner, Photoshop offers you many opportunities to make your images look great. We also recommend this course for those planning to obtain the Adobe Certified Expert status.

## Who Should Attend

All professionals who need an essential understanding of photo editing and the new features in Photoshop CS4. Experienced users will also benefit from the many tips and tricks and special exercises.

## Prerequisites

Because of the amount of material we cover in class, we do require students to be comfortable using a mouse, opening and saving files, and the general operations of computers. While we will make every reasonable effort to help, students with insufficient skills may be required to observe the class lessons or do their best to keep up without slowing down the rest of the class.

## What You Will Learn

Workspace and Palettes in Photoshop  
Photo retouching and Editing  
Working with Selections  
Working with the Layers in Photoshop  
Working with Masks and Channels  
Camera RAW and Photoshop  
Typographic Design  
Compositing and Printing in Photoshop

## **Lesson 1: Exploring Photoshop**

- \* Starting up
- \* Taking a look at the final project
- \* Starting the composition
- \* Using the new Mask panel
- \* Adding a graphic image with the Clone tool
- \* Adding an adjustment layer to the composition
- \* Adding a text layer
- \* Making a 3D postcard
- \* Converting multiple layers into one smart object layer
- \* Turning your image into a 3D texture

## **Lesson 2: Getting to Know the Workspace**

- \* Starting up
- \* Opening an existing document in Adobe Bridge
- \* Discovering the Tools panel
- \* Hidden tools
- \* Navigating the image area
- \* Using the Zoom tool
- \* Using the Hand tool
- \* Using the Rotate View tool
- \* Tabbed windows
- \* Using panels
- \* Putting the new panel system to u
- \* Choosing other panels
- \* Expanding your panels
- \* Customizing your panels
- \* Self study
- \* Review

### **Lesson 3: Using Adobe Bridge**

- \* Starting up
- \* What is Adobe Bridge?
- \* Navigating through Bridge
- \* Using folders in Adobe Bridge
- \* Making a Favorite
- \* Creating and locating metadata
- \* Using keywords
- \* Opening a file from Adobe Bridge
- \* Searching for Files Using Adobe Bridge
- \* Searching by name or keyword
- \* Using the Filter panel
- \* Automation tools in Adobe Bridge
- \* Automated tools for Photoshop
- \* Web Photo Gallery
- \* Saving or uploading your Web Gallery
- \* Automated tools for Photoshop:  
PDF contact sheet
- \* Changing the view
- \* Adobe Bridge Home
- \* Self study
- \* Review

### **Lesson 4: The Basics of Working with Photoshop**

- \* Starting up
- \* A look at the finished project
- \* Opening an existing document
- \* Understanding document settings
- \* Viewing an image's size and resolution
- \* Combining the images
- \* Using Copy and Paste
- \* Dragging and dropping to copy an image
- \* Transforming and editing combined images
- \* Changing the size of a placed image
- \* Removing a background
- \* Understanding the stacking order of layers
- \* Refining the edges of copied images
- \* Adding text
- \* Saving files
- \* Understanding file formats
- \* Choosing a file format
- \* Saving a JPEG file
- \* Saving for print
- \* Changing the color settings
- \* Adjusting image size
- \* Saving a Photoshop PDF file
- \* Self study
- \* Review

## Lesson 5: Making the Best Selections

- \* Starting up
- \* The importance of a good selection
- \* Using the Marquee tools
- \* Creating a square selection
- \* Creating a selection from a center point
- \* Changing a selection into a layer
- \* Working with the Magic Wand tool
- \* The Lasso tool
- \* Adding to and subtracting from selections
- \* Using the Quick Selection tool
- \* Understanding the Refine Selection Edge feature
- \* Using Quick Mask
- \* Saving selections
- \* Copying and pasting a selection
- \* Using the Pen tool for selections
- \* Using the Pen tool to select  
an area of an image
- \* More Pen tool selection techniques
- \* Converting a path to a selection
- \* Self study
- \* Review

## **Lesson 6: Painting and Retouching**

- \* Starting up
- \* Setting up your color settings
- \* Color primer
- \* Understanding color gamut
- \* The RGB color model
- \* The CMYK color model
- \* Why you will work in the RGB mode
- \* Editing color settings
- \* Selecting colors
- \* Starting to paint
- \* Using the Color panel
- \* Using the Brush tool
- \* Changing opacity
- \* Save time—learn the shortcuts
- \* Applying color to an image
- \* Changing blending modes
- \* The Eyedropper tool
- \* Retouching images
- \* Using the Clone Stamp tool
- \* Repairing fold lines
- \* The History panel
- \* The Spot Healing Brush
- \* The Healing Brush
- \* Using the Patch tool
- \* Using the Clone Source panel
- \* Cloning from another source
- \* Self study
- \* Review

## **Lesson 7: Creating a Good Image**

- \* Starting up
- \* Choosing your color settings
- \* Opening the file
- \* Why you should work in RGB
- \* Reading a histogram
- \* Taking care of that nasty red eye
- \* Making the Curve adjustment
- \* Defining the highlight and shadow
- \* Inputting the white and black point values
- \* Adjusting the midtones
- \* Setting the neutral
- \* Sharpening your image
- \* Comparing your image with the original
- \* Using the Camera Raw plug-in
- \* Using Camera Raw controls
- \* Saving a DNG file
- \* Reopening a DNG file
- \* Self study
- \* Review

## **Lesson 8: Getting to Know Layers**

- \* Starting up
- \* Discovering layers
- \* The Layers panel
- \* Getting a handle on layers
- \* Creating a new blank file
- \* Naming your layer
- \* Selecting layers
- \* Tips for selecting layers
- \* Moving layers
- \* Changing the visibility of a layer
- \* Using masks in a layer
- \* Preserve transparency
- \* Creating a composition
- \* Moving images in from other documents
- \* Creating a layer mask
- \* Editing the layer mask
- \* Cloning layers
- \* Aligning and distributing layers
- \* Applying filters to layers
- \* Creating a type layer
- \* Applying a layer style
- \* Creating a clipping mask
- \* Self study
- \* Review

## **Lesson 9: Taking Layers to the Max**

- \* Starting up
- \* Making color changes using adjustment layers
- \* Refining the adjustment layer mask
- \* Adjusting the Hue/Saturation layer
- \* Adding a pattern fill layer
- \* Defining the pattern
- \* Applying the pattern
- \* Using the new Black & White adjustment layer
- \* Adding a tint
- \* Applying a gradient to the adjustment layer
- \* Layer styles
- \* Creating the text layer
- \* Applying the Outer Glow layer style
- \* Applying the Bevel and Emboss layer style
- \* Changing the shading
- \* Changing the fill opacity
- \* Saving the style
- \* Accessing the style
- \* Self study
- \* Review

## **Lesson 10: Getting Smart in Photoshop**

- \* Starting up
- \* Creating a composition using Smart Objects
- \* Opening an image as a Smart Object
- \* Converting a layer to a Smart Object
- \* Placing a Smart Object
- \* Editing a Smart Object
- \* Editing the contents of a Smart Object
- \* Modifying multiple Smart Object layers
- \* Replacing the contents of a Smart Object layer
- \* Working with Smart Filters
- \* Modifying a Smart Filter
- \* Self study
- \* Creating multiple Smart Objects
- \* Working with Illustrator files
- \* Review

## **Lesson 11: Using Adobe Photoshop Filters**

- \* Starting up
- \* Filter basics
- \* Starting to use filters
- \* Using the Clouds filter
- \* Using the Filter Gallery
- \* Applying filters in the Gallery
- \* Taking advantage of Smart Filters
- \* Applying a Smart Filter
- \* Smart Filter options
- \* Enabling and disabling effects
- \* Using a filter effects mask
- \* Using the Vanishing Point filter
- \* Building your own perspective planes
- \* Building an attached plane
- \* Self study
- \* Review

## **Lesson 12: Creating Images for Web and Video**

- \* Starting up
- \* Viewing the completed file
- \* Changing your units of measurement
- \* Creating the web page
- \* Adding the Text
- \* Adding Style to the text
- \* Creating the text for the links
- \* Positioning and distribution of text
- \* Creating slices
- \* Slicing it up
- \* Selecting and combining slices
- \* Applying attributes to your slices
- \* Using Save For Web & Devices
- \* Optimizing the image slices
- \* Saving files for video
- \* Creating animation
- \* Working in Frame mode
- \* Saving an animated GIF
- \* Creating animation for video
- \* Working in Timeline mode
- \* Self study
- \* Review

## **Lesson 13: Introducing 3D**

- \* Starting up
- \* Creating a 3D object
- \* Getting an image ready for 3D
- \* Wrapping the image around a soda can
- \* Adjusting the lighting
- \* Animating the soda can
- \* Testing your animation
- \* Self study
- \* Review

## **Lesson 14: Adobe Photoshop CS4 New Features**

- \* 64-bit version
- \* Workspace improvements
- \* New panels
- \* Adjustments panel
- \* Masks panel
- \* Improved cloning
- \* Improved Save for Web and Devices
- \* New and very much improved 3D features

### **Photoshop is Ideal for:**

- \* Film, video, and multimedia professionals
- \* Graphic and web designers using 3D and motion
- \* Manufacturing professionals
- \* Medical professionals
- \* Architects and engineers
- \* Scientific researchers
- \* Professional photographers
- \* Serious amateur photographers
- \* Graphic designers
- \* Web designers