



#### Related Courses:

Adobe Illustrator, Adobe InDesign, Adobe DreamWeaver, Adobe After Effects, Adobe Premiere

#### Course Overview and Objectives

Adobe PhotoShop has long helped graphic designers bring their visions to life in advertisements, magazine layouts, billboards, and virtually every other medium. Whether you create images professionally or just want professional results, you can count on Adobe PhotoShop for the ultimate in creative control. At the end of this course the learner will be able to create and edit images, retouch and correct adjustments.

#### Pre Requisites:

An understanding of the operating system you are using (Mac/PC), creativity for pictures, usage of Adobe Photoshop or similar program

## PhotoShop CC Advanced Course Outline

### Alpha Channels & Paths

- Basic Alpha Channels
- Saving & loading Channels
- Combining Channels
- Using Blending Modes on Channels
- Using Alpha Channels to enhance correction
- Creating and working with Spot Channels
- Sharpening with Channels

### Smart Objects

- Working with Smart Objects
- Drag and drop Smart Objects
- Working with a Smart Object Filter Effects

### Vanishing Point and Lens Correction

- Defining & Correcting plane/ grid
- Editing image objects (Clone/ Selections/ Transforming Options)
- Adding Images to the Vanishing Point Grid
- 3D Support
- Correcting Image Distorting via Lens Correction
- Data-based Lens Distortion Correction with custom Lens Profiling Application

### Correcting & Enhancing Digital Photos: Camera RAW

- Camera RAW Engine
- White balance & Exposure
- Sharpening
- Histogram
- Apply RAW settings to multiple files
- DNG Format
- Shadow /Highlight Adjustments
- Red Eye removal
- Noise reduction
- Edge Sharpening
- Post Cropping
- HDR (32 bit)



Smart Sharpen - Smart Sharpen is extremely intelligent, enriching textures, making edges crisper, and making details even more distinct. No longer do you have to worry about overly sharpened gross-looking noise in a photo's background.



Intelligent Upsampling (blow up images with much better results) - Enlarging small- resolution images has been a photographer or retoucher's worst nightmare. Low- resolution images can be made large enough to look good in print, and large images can be made into poster or billboard size with relative success.

## Advanced Composition

### Actions & Scripts

- Puppet Warp tool
- Photomerge
- AutoBlend Depth of Field
- Contact Sheets
- Desaturation & Color Balance
- Color Effects & Matching Color Schemes

## Working with 3D

- Understanding 3D Native Files
- 32 & 64bit Editing
- Repousse 3D Features & HDR Image based lighting
- Importing & viewing 3D files
- Transforming 3D files
- Painting 3D objects
- Wrap 2D images around 3D shapes
- Convert gradient shapes to 3D objects
- Add depth to Text layers
- Exporting to common 3D formats
- Mixer Brush
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## Color Management

- Define RGB, Grayscale & CMYK Color Spaces
- ICC Profiles
- Color Management Workflow
- Color Management Settings
- Assigning & Converting Profiles
- Gamut Range
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## Proofs & Printing

- Proof Setup
- Color Handling
- Gamut Warnings
- Separations
- Printing

## On Request Only:

### Medical (PhotoShop Extended only):

- DICOM (open, edit, animate & annotate)
- MATLAB
- Image Stack Processing



Camera Shake Reduction - This has been the biggest news-grabber of all Photoshop's new functions. That means that whether your blur was caused by slow shutter speed or a long focal length, Camera Shake Reduction analyzes its trajectory and helps restore

## Motion Graphics & Video layers (PhotoShop Extended only)

- Frame by Frame editing
- Adding Layers
- Animation Panel
- Edit & Retouch Movie with PhotoShop Tools
- MultiSource

## PhotoShop & Web

- Slicing
- Saving for Web Output
- Frame based animation

\*Please note that we offer free electronic support to clients on content covered on our courses.



Smart Object support for Blur Gallery and Liquify. Powerful CSS support for web design. They're just a few of the more than a dozen exclusive new features that make Creative Cloud the best way to get the most out of Photoshop.



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