

Adobe Photoshop Workshop

Photoshop Lessons

Objectives

- Participants will leave this workshop with a firm understanding of the Adobe Photoshop workspace, tools and layer based photo editing.
- Participants will learn and use a variety of keyboard shortcuts that will improve their productivity in Adobe Photoshop and other computer applications.
- Participants will be able to use a variety of non destructive portrait retouching techniques on their own digital images.
- Participants will understand the different file formats for displaying images on the web and how to use Photoshop to prepare their images for the web.
- Participants will be able to create a web photo gallery
- Participants will be able to de-interlace a screen capture for video, configure and edit DVD menus using Photoshop
- Participants will create a variety of projects that they can use with students in a variety of CTE classes.
- Participants will have a better understanding of teaching strategies and educational resources they can use in their CTE classroom.

Workshop Teaching Strategy

I have created Flash based tutorials for all the projects we will cover. This method of teaching/learning might be new to you but I think you may find it extremely powerful once you get into it. By putting all my lessons into this web site you have control of your learning. You can go as fast or slow as your learning style requires. You can stop the lesson at any time and practice the techniques or ask me for more clarification. Once you have watched a tutorial, make sure to take the time to practice what you just learned to ensure that you understand the concept.

Sample Files

When you attend my workshop I give you a DVD that contains a bunch of sample files that you are welcome to use while you practice the techniques in the workshop. I encourage you to start with these files and then experiment with the same techniques on your own images. Please copy of the images from the disk to your computer ([Here is a tutorial if you need help](#)). Feel free to download a copy of your own images to a folder in the same location. If you are checking this workshop out online, I have posted the images for you to download to your computer. This may take a little while so be patient. [Online sample images](#)

Introductions

Please be prepared to tell me your name, where and what you teach, and how you use Photoshop in your classroom.

Getting Started

We going to explore and utilize the materials on the workshop disk. Hopefully I will have time to get into the lab and copy it to the computer but if not I will need you to help place the contents on the desktop.

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All the lessons are located on a web site within the workshop files. Open up the class folder and double the “start_here.html” file. If you plan on putting this on your web site or file server, you can also point your link to the “index.html” file within the “ps_workshop” folder.

We will be working with Adobe Photoshop and Bridge so if you could launch both of these application that would be helpful. We will be opening and closing many images throughout the workshop, practice just closing down the image and not the programs to save time. I also encourage you to save all your work in the “finished” folder so you can see all that you have accomplished.

Photoshop Basics Lessons

The Basics

Getting images getting images off the jump drive (7:01)

Workspace (11:18)

Basics (11:12)

Keyboard shortcuts (5:17)

Crop and Straighten (5:01)

Taking it to the next Layer

Working with layers (13:40)

Layer Styles (4:12)

Working with text (7:47)

Text on a path – (4:34)

Type Mask Tool (5:10)

Portrait Retouching

Taking it to the next Layer

Selections (lesson from Adobe Photoshop CS2 Classroom in a Book)

- Part 1 (10:41)

- Part 2 (14:10)

Paste Into (3:49)

Filters 5:39

Undo Levels 0:43

Adjustment Layers (6:07)

Photo Restoration

<http://homepage.mac.com/gapodaca/digital/digital.html>

Non-destructive editing: always duplicate the layer or adjustment layers

Reduce width by 2% will take off 5 lbs

- Eyes
 - Red eye reduction (8:46)
 - Brighten (4:20)
 - Sparkle (3:16)
- Whiten Teeth (2:31)
- Add smile with liquefy (2:55)
- Sharpening techniques (5:48)
- Restoring Photographs (13:00)
- Colorize a black & white (4:28)

Photoshop for Video

- De-interlace (1:52)
- High Tech Scan Line (4:46)
- DVD menus (11:52)
- DVD labels and cases (5:01)
- Animating a multilayer Photoshop file in Premiere (12:36)

Photoshop for the Web

- Web Gallery (6:15)
- Resize (6:42)
- Resolution (5:11)
- Weighted Optimization (2:54)
- Find Hexadecimal Numbers (2:16)
- File Types (6:37)
- Raster vs Vector Graphics – (3:25)
- Web Background (7:43)

Projects

Try a couple of these project tutorials.

- DVD Cover Lesson – (15:56) [Link](#)
- Photomerge – (9:42) stairs and city images
- Picture with a Picture (4:39)
- Theater Slide sample gallery
- Sports Posters sample gallery
- DVD sample gallery

Bonus

Got some extra time, try these bonus lessons

- Tools – Quick Review (7:43)
- Getting Fonts off the Internet (2:44)
- Actions (3:33)
- Custom Styles (8:27)
- Liquify (3:26)
- Vector Mask (1:50)

Teaching Strategies,

Discussion or Tutorial (5:31)

- Sample files, templates, examples (teacher/student)
- Required file naming guidelines, psd format (non flattened)
- Presentation – Web Gallery, pdf presentation
- Using interactive lessons
- Working with clients – email, client eval, client treatment, nominal fee
- Design lessons (Robin Williams)
 - Alignment (4:56)
 - Repetition, Contrast, Proximity

Culminating Project

Make a Acrobat Presentation or Photo Gallery of the work you have accomplished. Then copy your files to a USB drive or burn it onto a CD.

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Resources

Online

- <http://www.adobe.com/education/> – This site is Adobe’s education support page, with links to class activities, online tutorials, and other handy things. Some of the free tutorials require free registration to use.
- <http://www.adobe.com/education/digkids/> - This site has great lessons, training and much more.
- <http://studio.adobe.com/> – This site is for more serious users of Adobe products. Free registration is necessary to use it, but loads of resources.
- <http://www.pics4learning.com> – This is a copyright–free collection of photographs submitted by teachers for use in education.
- <http://www.photoshouser.com/> – A web site just for Adobe Photoshop users. Some free materials, some for-fee. Well worth the money!
- <http://sharepoint.svsd410.org/mshs/dockeryj/multimedia/default.aspx> - This is my staff development site for multimedia. I will continue to post workshops like this one.

Books

- <http://www.ratz.com/robin/books.html> - Great design books written by Robin Williams
- **Adobe Photoshop CS? Classroom in a Book** – This is a must for anyone teaching Adobe Photoshop. It has great step by step lessons, sample files, movies and review questions.
- **In Easy Steps Series** – cheap books from Barnes and Noble
- **How to Cheat in Photoshop** – great examples and projects by Steve Caplin
- **Manny** - Get to know your manual! Make friends. Take him out to lunch.

Tutorials

- <http://movies.atomiclearning.com/k12/home> - Subscription-based online software training accomplished through brief "atoms" of **learning**
- <http://movielibrary.lynda.com/html/index.asp> - Subscription-based online software training. Great selection. My students favorite.
- <http://www.totaltraining.com/> - DVD and subscription-based online software training. I have a bunch of their DVD's.
- **iTunes Photoshop Killer Tips** - These are 2-5 minute free tutorials that are a great way to start you class or keep you constantly learning. Just download and install iTunes (free) and then go to the music store and search for the tutorials.
- http://www.adobe.com/designcenter/video_workshop/ – These are some great video tutorials on the new features in all the CS3 products.
- http://www.mountsihighschool.com/directory/dockeryj/adobe_youth_voices/index.html - I worked with the Adobe Youth Voices program last year and developed these tutorials for a great integrated writing/multimedia projects.

Adobe Photoshop – Essential Keyboard Shortcuts

Basic/Universal Shortcuts

Ctrl + C	Copy	Layer via copy	Ctrl + J
Ctrl + X	Cut	Layer via cut	Shift + Ctrl + J
Ctrl + V	Paste	Ctrl + V + Shift	Paste Into
Ctrl + Z	Undo	Ctrl + P	Print
Ctrl + N	New		
Alt + Ctrl + O	Browse		
Ctrl + S	Save	Alt + Shift + Ctrl + S	Save for web

Navigation

Spacebar	Temporary Hand Tool
Arrows	Move one pixel
Arrows + Shift	Move 10 pixels
Spacebar + Ctrl	Temporary Zoom Tool (+)
Spacebar + Alt	Temporary Zoom Tool (-)
Ctrl + 0 (Zero)	Fit to window
Ctrl ++	Zoom In
Ctrl +-	Zoom Out
Ctrl + R	Rulers
Standard/Quick Mask Mode	Q
Screen Mode	F

Tools

V	Move Tool
T	Text Tool
L	Lasso Tool

Editing

Shift + F5	Fill
Ctrl + T	Free Transform
Ctrl + D	Deselect
Tab	Hide tools and palettes

Adjustments

Ctrl + L	Levels
Shift + Ctrl + B	Auto Color
Ctrl + I	Invert
[or]	Increase/Decrease brush size
{ or }	Increase/Decrease brush hardness
Default Fore/Background Colors	D (X switches them)

Other
