

DIGITAL PHOTOGRAPHY INTRO PLUS

Class #6 of 6: Perspective

Perspective effects/distortions and zoom choice

Perspective is determined by where you stand when you take a picture.

Wide angle (small number of millimeters) exaggerates perspective by making you move in close.

Normal (50mm @ 35mm equivalent length) looks most like “normal human vision”.

Telephoto (large number of millimeters) flattens perspective by making you move far away.

Perspective also can be used to alter the amount of background seen.

Notice that total head size is about equal in all three images



Wide Angle 22mm (35 equivalent) and up close



Normal 45mm (35 equivalent)



Telephoto 220mm (35mm equivalent) from far away

In class photo session

Headshot / Single person, how close a frame is good?

Group of people head to toe, perspective from close and far.

Background choices (busy/environmental versus simple)

Small harsh light source and still life

Large soft light source and still life

Manual camera mode (“M” mode)

Used in studio or with external lights. You set both shutter speed and f/stop.

Montage in Single Portrait

1. Launch Photoshop Elements, if needed.
2. Select "Photo Editor", if needed.
3. Open two images 6PLUS-eyes1.jpg and 6PLUS-eyes2.jpg (File > Open)
4. Make sure you are "Expert" rather than "Edit Quick" mode (Elements specific command, in upper right of screen).
5. Make sure the Project Bin is open, then select 6PLUS-eyes2.jpg to be your active image
6. Using the polygonal lasso tool select both eyes.
7. Feather the selection to about 6 pixels
8. Copy the eyes selection to its own layer
9. Put the eyes layer onto your "clipboard": Select>All and then Edit>Copy
10. Using the Project Bin select 6PLUS-eyes1.jpg to be your active image
11. Create a new blank layer (folded paper icon in layers pallet)
12. Paste the clipboard into the new layer (Edit>Paste)
13. Use the move tool and transparency setting to align eyes
14. Reset transparency to 100%
15. Use the eraser tool as needed.
16. Burn and Dodge as desired
17. Flatten layers, ready for saving as JPG

Montage in Group Portrait

1. Launch Photoshop Elements, if needed.
2. Select "Photo Editor", if needed.
3. Open two images 6PLUS-group1.jpg and 6PLUS-group2.jpg (File > Open)
4. Make sure you are "Expert" rather than "Edit Quick" mode (Elements specific command, in upper right of screen).
5. Make sure the Project Bin is open, then select 6PLUS-group1.jpg to be your active image
6. Using the polygonal lasso tool select the head of the fellow in back row with white hardhat
7. Feather the selection to about 6 pixels
8. Copy the head selection to its own layer
9. Put the head layer onto your "clipboard": Select>All and then Edit>Copy
10. Using the Project Bin select 6PLUS-group2.jpg to be your active image
11. Create a new blank layer (folded paper icon in layers pallet)
12. Paste the clipboard into the new layer (Edit>Paste)
13. Use the move tool and transparency setting to align head
14. Reset transparency to 100%
15. Use the eraser tool as needed.
16. Burn and Dodge as desired
17. Use type tool to add a title
18. Flatten layers, ready for saving as JPG
19. DO NOT close your file, we will use it in the next project

Adjustment Layers

1. With the file from above still open, use the history panel to unflatten the file
2. Add an adjustment layer above both existing layers using the half white/half blue icon at the top left of the layers panel. Select Hue/Saturation
3. Add 20 points of saturation
4. Move adjustment layer in between background and head layer. Notice that it now only effects background layer.
5. To have your layer only effect one layer beneath it, move the adjustment layer back to the top of the layers pallet and select the "clipping icon" (rectangle with arrow) at the bottom right of the adjustment window. Notice that the adjustment layer now only affects the "head" layer.
6. Flatten layers, ready for saving as JPG

Other CVAS class you may be interested in:

Digital Photography – Intermediate – Another Class I Teach

This class is for those who have attended Digital Photography Introduction or for those very familiar with their camera. This class will place more emphasis on the creative process. Topics will include visualizing, composing, and designing better photographs. Students will learn to control and see light, both existing and flash. Students should bring their digital camera to class. Those wishing to learn more about using software to enhance their images are encouraged to also attend the Beginning Photoshop Elements class at CVAS.

Adobe Elements - I, Beginning

Easy, Effective & Fun! Great for Business & Hobbies! The perfect combination of power & simplicity! You'll be making corrections to photos, creatively editing, and making color & light adjustments.

9 hour class \$149

Required: Mouse Skills

Adobe Elements - II, Intermediate

In the Level I class you learned to harness the power of this seemingly simple application. This class takes you into the heart of it—it's advanced functions such as the cloning tool, filters, selections, layers & type. Once you take this class—you will just need practice to become a Photoshop Elements master!

9 hour class \$149

Required: Photoshop Elements-Beginning Or The Equivalent

Adobe Elements - III, Using Your Own Pictures

Show off your own photos—and your creativity—in organized and entertaining ways, including photo books, scrapbook pages, slide shows, and more. Count on plenty of time to ask questions and make your photos spectacular.

6 hour class \$99

Required: Photoshop Elements-II Or The Equivalent

Adobe Photoshop – I, Beginning

Photoshop is the industry standard for working with digital images. But you don't have to be a professional to learn to use this powerful imaging tool. Level I will cover the most useful palettes and tools such as changing resolution & image size. The fundamentals of photo correction, adjustment and editing will be covered, including layers & selection. An amazing class for those who want to work the way the pros do!

12 hour class \$199

Required: Mouse Skills

Adobe Photoshop – II, Intermediate

Work like a professional—or become one. Paint & edit, advanced use of paths, brushes & the pen tool. Use clipping paths on layers & advanced layer techniques.

12 hour class \$199

Required: Photoshop-Beginning Or The Equivalent

Adobe DreamWeaver – I, Beginning

Design, develop, and maintain websites. Dreamweaver empowers you to design and build websites with confidence. We'll start you at the beginning, designing visually so you can develop pages and accurately test your new site.

6 hour class \$99

Adobe DreamWeaver – II, Intermediate

Dreamweaver is deceptively easy to use—but learning its powerful functions like libraries & palettes gives you the freedom to allow your creativity to come through—and keep your site organized and easy to maintain. Instructions on how to upload your site are included in this class.

6 hour class \$99

Required: Dreamweaver-Beginning Or The Equivalent

An Interesting Non CVAS option:

LACP Workshops in Hollywood, CA offers lots of short (typically 1 to 6 day) workshops

<https://lacphoto.org>