

WEB SCANNING for DARKROOM PHOTOGRAPHY

Follow this recipe to prepare your prints for the AAE Virtual Photo Gallery. The 5 basic steps are to scan the print, straighten it, color correct it, then 'save for web' at 2 different sizes and finally put the finished web files into the Art Folder.

CREATE a PERSONAL FOLDER in the TEMP FOLDER

open _____ the **TEMP FOLDER** on your computer
create _____ a new folder called **YOUR_NAME_S10**
store _____ all files here
when you are done with the Web Preparation
you can move certain files into the **ART FOLDER**
do not save directly to the **ART FOLDER**
it is on a network that is inherently very slow, and
files sometimes get corrupted

SCAN the PRINT

reflective, not film
24 bit color (8 bits / channel, not 32/16)
300 ppi resolution
100% size (actual size of the print)

hit _____ the **PREVIEW** button
drag _____ the **CROP BOX** around the picture
leave _____ a reasonable amount of extra white space
for straightening and cropping
hit _____ the **SCAN** button
save _____ the resulting file immediately into the **TEMP FOLDER**

STRAIGHTEN the PRINT

It is more important that the image area be straight than the paper is straight. There are several strategies for straightening prints, detailed below:

The Ruler Tool Method

set _____ the **FOREGROUND/ BACKGROUND COLORS** to black & white
drag _____ the **RULER** tool along a long straight edge
rotate _____ with **IMAGE> ROTATE> ARBITRARY**

The Crop Tool Method

drag _____ the **CROP** tool around the picture area
move _____ the cursor away from any corner until a **2-HEADED ARROW** appears
rotate _____ the **CROP RECTANGLE** to match the picture
pull _____ the **CROP RECTANGLE** away from the image to include some extra space
use _____ the middle **HANDLES** of the **CROP RECTANGLE**, not the corners

The Crop w/ Perspective Method

drag _____ the **CROP** tool around the picture area
turn on _____ the **PERSPECTIVE** option
drag _____ each corner to match the corners of the picture
pull _____ the **CROP RECTANGLE** away from the image to include some extra space
use _____ the middle **HANDLES** of the **CROP RECTANGLE**, not the corners

WEB SCANNING for DARKROOM PHOTOGRAPHY, cont'd

CROP to INCLUDE BORDERS and WHITE SPACE

Using either of the latter 2 Straightening methods can also give you properly sized borders.

What we want is a photograph with a black border surrounded by a white border that is visually equal to the black border. If the white space is too big the picture will appear floating in an empty white space.

crop _____ the print to include a small amount of white space around the black border.

tone CORRECT the PRINT

Scanners tend to be cautious with their tonal range, to avoid clipping the shadows or highlights.

Usually the shadows are not dark enough. You need to apply a Levels Adjustment Layer to fix this and expand the print to a full tonal range.

Levels Adjustment Layer – Set Tonal Range

add _____ a LEVELS adjustment layer

slide _____ the SHADOW POINTER and HIGHLIGHT POINTER

to match where the histogram shows maximum black and minimum white

Sometimes the background will have a color cast other than white. This means the entire scan is the wrong color. This can be corrected with one click.

Levels Adjustment Layer – Remove background Color Cast

in the same LEVELS adjustment layer

select _____ the HIGHLIGHT EYEDROPPER

click _____ in the background area to adjust it to white

check _____ that the rest of the color is not adversely affected

When saving files for the web they will be converted to the sRGB color space. This is a dumbed-down color space developed so pictures will look good even on the cheapest monitors. This process inherently lightens prints, usually too much.

Levels Adjustment Layer – Darken the Midtones

in the same LEVELS adjustment layer

slide _____ the MIDTONE POINTER

slightly to the right to darken the print

WEB SCANNING for DARKROOM PHOTOGRAPHY, cont'd

SAVE for WEB – TWICE

First, save the adjusted scan into your personal folder.

Then, you need to make a full-size web picture and a thumbnail.

use FILE> SAVE FOR WEB & DEVICES [CMD] [OPT] [SHFT] [S]
preset = jpeg high
conver to sRGB = on (double check that the shadows do not get washed out!)
quality = bicubic sharper

use these sizes:

web picture = 600 pixels on the SHORT side

thumbnail = 100 pixels on the SHORT side

crop _____ the thumbnail down to the picture area only,
after saving the web size file,
include _____ a little 'black line' around the edge

duplets:

make the width = 900 pixels to fit on the page

extra wide series:

make the height = 300 to have the page scrollable to see the series

FILE NAMING CONVENTIONS

These names need to be EXACTLY his format, and need to be EXACTLY the same for each crit.

Use you real name, not your nickname (within reason; Sam rather than Samuel is fine).

Use these filename formats for each medium (all lowercase except at the end):

Critique Prints

your_nameC1T1.jpg

your_nameC1W1.jpg

Portfolio Prints

your_nameC4W1.jpg, your_nameC4W2.jpg, your_nameC4W3.jpg,

your_nameC4W4.jpg, your_nameC4W5.jpg,

COPY FILES into the ART FOLDER

All working files should be saved to your personal folder inside the TEMP FOLDER of the computer on which you are working.

transfer _____ the Web Files to the ART FOLDER,
in the proper location for you class, after everything is made

ART FOLDER> DIGIPHOTO-AAE> PHOTO_S10> YOUR CLASS_S10> THIS CRIT'S FOLDER

DIGITAL PORTFOLIO

copy _____ the full-size scan files into your Digital Portfolio
along with an additional 4 or 5 prints
to be handed in at the end of the semester.