

IMAGEPRINT – GENERAL WORKFLOW

IMAGEPRINT is RIP Software (Raster Image Processor) that produces the optimum print from a picture file. This method supersedes printing from Photoshop.

PREPARE the PHOTO for PRINTING

- Make a Printing File
 use _____ **SAVE AS...** a TIFF File Format/ LZW Compression
- Resize to Image Size
 predetermine the best image size for the paper size being used
 suggestion; 1.5 ~ 2" borders, or larger
 use _____ **IMAGE SIZE**
- Sharpen with Layer Sharpen (optional - ImagePrint optimizes the sharpness)
- Add a Black Border
 use _____ **CANVAS SIZE**
- Set the Printing Limits (optional – if not satisfied with a Step Wedge Test)
 use _____ a **CURVES** Adjustment Layer
- Check the Layer Stacking Order
- Flatten the file
- Save as a 'Print Only' file
 use _____ **SAVE >TIFF File/ LZW Compression**

PROCESS the PHOTO in IMAGEPRINT

- Open ImagePrint
 arrange _____ the screen
- Open SpoolFace
 clear _____ the **QUEUE**
 check _____ the **STATUS** at the bottom of the window
- Image Location
 open _____ the file to be printed, using Image Strip or **FILE> OPEN**
- Printer _____ the printer will automatically be set
- Paper Size
 set _____ the paper size to **A3/B** for 13x19", or **LETTER** for 8.5x11"
- Printer Profile/ Profile Valet
 set _____ **INK:** to **PHOTO** or **MATTE**, depending on the printer used
 select _____ the **PAPER MANUFACTURER** and **PAPER NAME**
 download _____ profile as needed, add to **FAVORITES**
 hit _____ **APPLY**
- Media Feed
 set to _____ **SHEET, ASF**
- Margins Style
 set to _____ **NON-BORDERLESS, CENTER MARGINS (critical)**
- Position the image
 rotate _____ if landscape, use **COUNTERCLOCKWISE** tool in **TOOLBOX**
 center _____ the image with **CENTER** tool in **TOOLBOX**
 adjust _____ positioning up or left by 0.10" with **IMAGE> IMAGE PROPERTIES**
- Advanced
 check _____ that rendering intent is **PERCEPTUAL**
- Print the Print
 hit _____ the **PRINT** button
 open _____ **VIEW> SPOOLFACE**

IMAGEPRINT – DETAILED WORKFLOW

PRE-PRINTING WORKFLOW

edit _____ the photo as usual in Photoshop
save _____ the 'Master' file in PSD format, with all adjustment layers intact
save _____ another 'Printing Master' file in TIFF format

[see: [Preparing Photographs for Printing](#) handout for more details on the following...]

resize _____ this file to the exact size the image will be on the paper.

use _____ IMAGE SIZE IMAGE > IMAGE SIZE [CMD] I

tip: Leave borders at least 1.5 to 2" on all sides. Don't ever cut photo paper.

e.g. optimum image size on 8.5 x 11" paper is 5 x 7.5"

optimum image size on 13 x 19" paper is 10 x 15"

add _____ a Black Border, to show full-frame format (optional)

use _____ CANVAS SIZE IMAGE > CANVAS SIZE [CMD] C

e.g. optimum border size is 16 pixels (8 pixels on each side)

resave _____ this file

flatten _____ the layers

save _____ a new 'Printing Only' file in TIFF format
with no layers using LZW compression



RUNNING IMAGEPRINT

Open ImagePrint _____ from the dock

The Main window opens showing a white rectangle that represents paper area in which the photograph will be placed. The pink line around the edge shows the non-printing area.

open _____ the DASHBOARD window VIEW > DASHBOARD
(it may already be open)

arrange _____ the screen

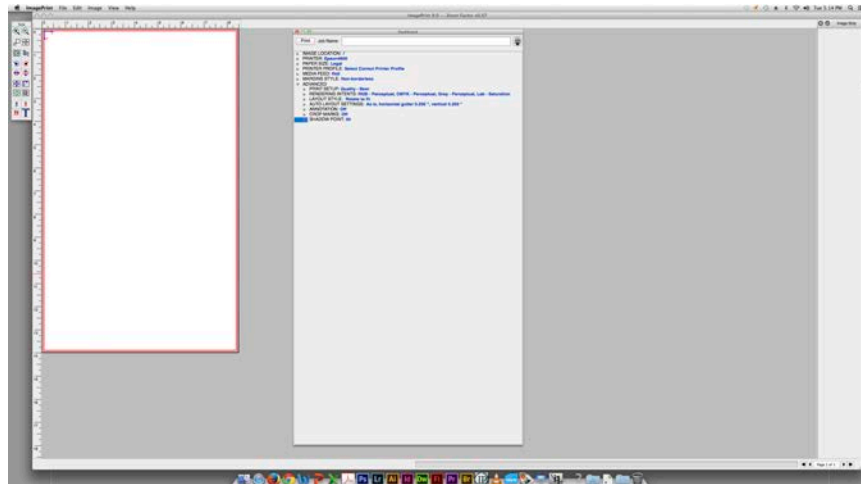
push _____ the TOOLBAR to the far left so the PAGE LAYOUT is just to its right

open _____ the DASHBOARD window to the full height of the screen

This avoid having to scroll through it. The window sometimes jumps.

push _____ the DASHBOARD window over to the right side of the screen
so the PAGE LAYOUT is fully visible.

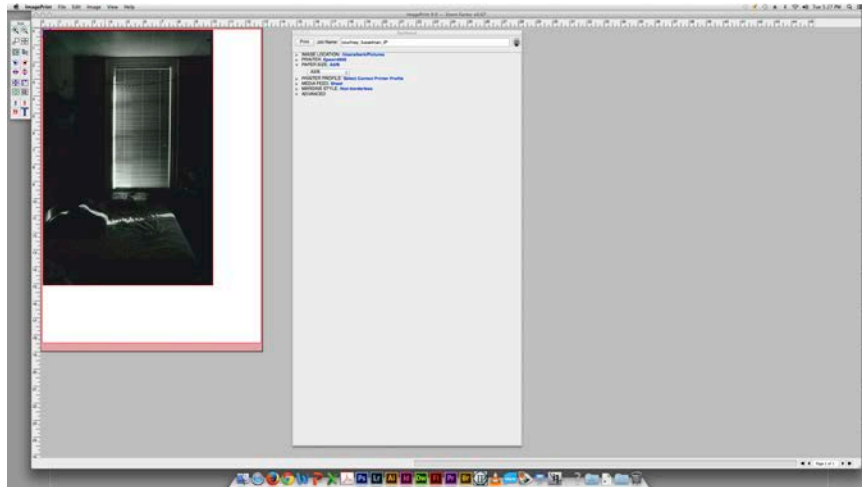
Continue work through the settings from the top to the bottom. Do things in order otherwise it may get confused.



IMAGEPRINT – PAPER SPECIFICS

Open the Image to be Printed

- set _____ the PHOTO SOURCE location
- click on _____ the small triangle next to IMAGE LOCATION to open that menu
- navigate _____ to your images folder, click to select
- the IMAGE STRIP window will open displaying all photos in that folder
- drag _____ any photo onto the PAGE LAYOUT to set it up for printing, or -
- use _____ FILE> OPEN
- add _____ that location to your FAVORITES if this will be used often
- use _____ the FAVORITES tab in the future



PRINTER SPECIFICS

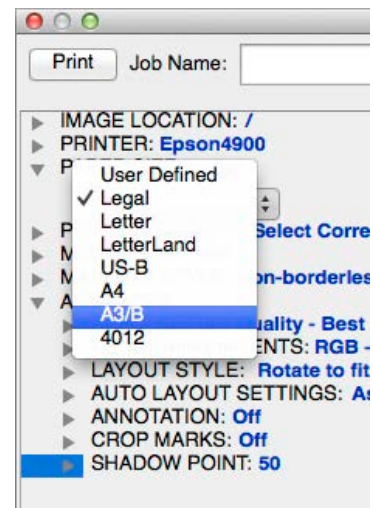
The PAGE LAYOUT WINDOW will always show the paper as it feeds through the printer, aka vertically. Have the photo pre-sized to the desired size before importing into ImagePrint. Then position it depending on the orientation.

The PRINTER should already be set. Each computer is connected to only 1 printer to eliminate any networking confusion.

PAPER SPECIFICS

Set the Paper Size

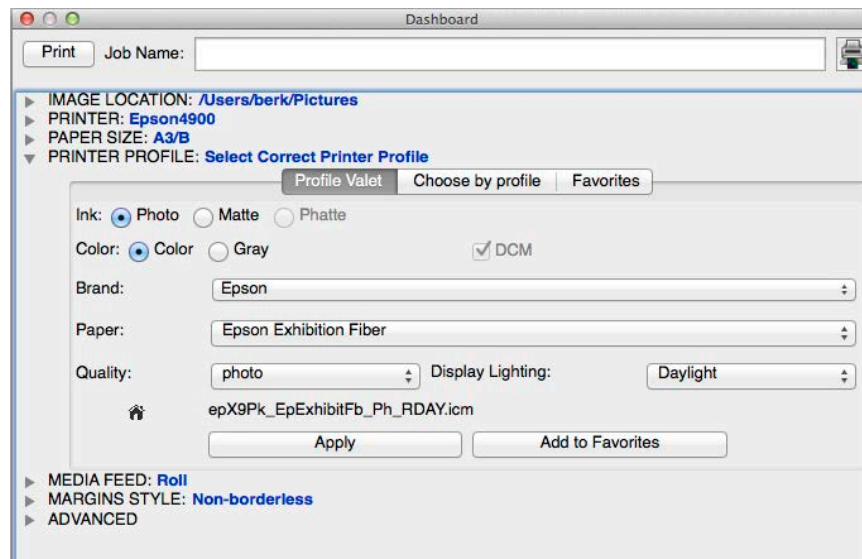
- set _____ the paper size
- A3/B is 13 x 19", LETTER is 8.5 x 11"
- don't _____ position the image on the paper
- until after the MAGIN STYLE is set



IMAGEPRINT – PAPER PROFILE

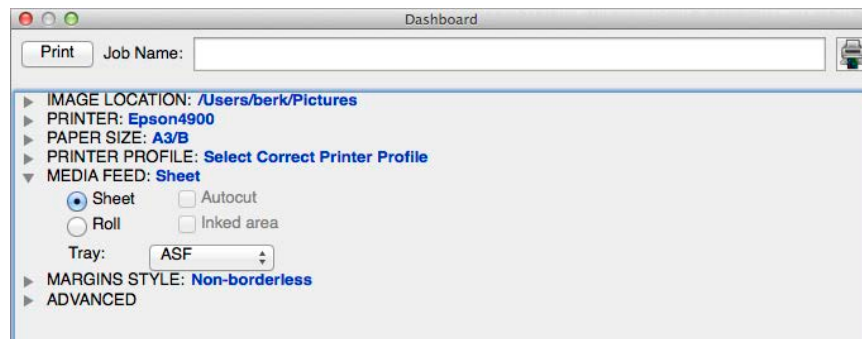
Set the Paper Profile

- set _____ INK: to PHOTO or MATTE, depending on the printer used
- use the appropriate printer for the paper type, e.g.
 - use the 'Photo' printers for Baryta, Luster or Gloss papers
 - use the 'Matte' printers for Cotton Rag papers
 - avoid printing on RC papers
- select _____ the paper MANUFACTURER
- select _____ the paper BRAND NAME
- keep _____ DCM checked to get the better ColorByte profiles
- ImagePrint downloads any profile you need from the web automatically!
- click _____ the **DOWNLOAD & APPLY** button if the profile is not already there
- add _____ this PROFILE to your FAVORITES if it will be used often



Set the Media Feed

- set to _____ SHEET when printing on cut sheets
- set _____ TRAY = ASF (auto sheet feeder), or -
 - MANUAL if using heavy or thin paper
 - e.g. 300 gsm or more, 170 gsm or less



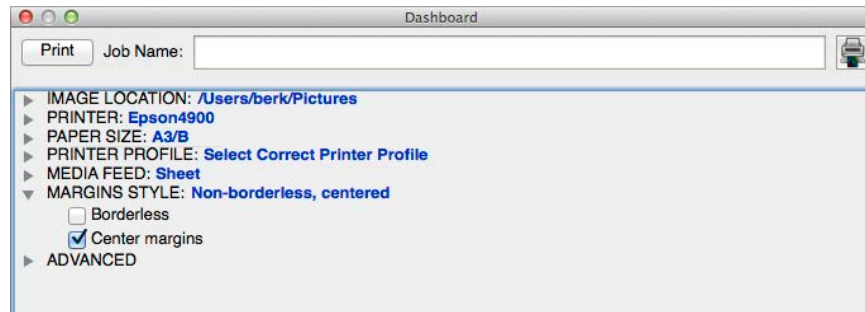
IMAGEPRINT – POSITIONING THE PHOTO

The following section is critical to have your photographs properly positioned on the paper.
Follow these instructions very carefully.

Set Margin Style

turn _____ **BORDERLESS** off

turn _____ **CENTERED** on



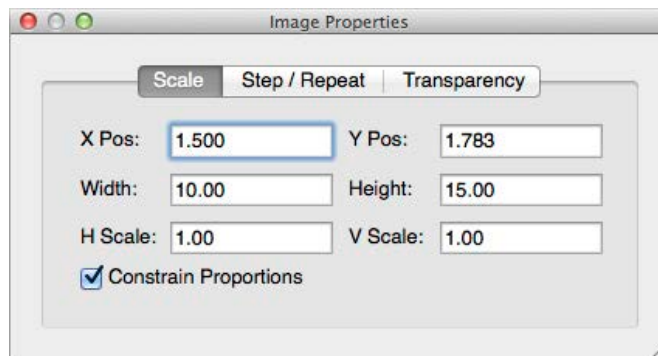
To position a vertical (portrait) photo:

drag _____ or open the photo in the **PAGE LAYOUT** window **FILE> OPEN**
center _____ the image with the **CENTER** tool in the **TOOLBOX**
open _____ the image properties window **IMAGE> IMAGE PROPERTIES**
reduce _____ the Y value by 0.10", moving the image up 1/10th of an inch
so the bottom border is slightly larger than the other 3 borders



To position a horizontal (landscape) photo:

drag _____ or open the photo in the **PAGE LAYOUT** window **FILE> OPEN**
rotate _____ the image with the **COUNTERCLOCKWISE** tool in the **TOOLBOX**
center _____ the image with the **CENTER** tool in the **TOOLBOX**
open _____ the image properties window **IMAGE> IMAGE PROPERTIES**
reduce _____ the X value by 0.10", moving the image over 1/10th of an inch
so the bottom border is slightly larger than the other 3 borders



Advanced

keep _____ **RENDERING INTENT** set to **PERCEPTUAL**

leave _____ **SHADOWPOINT** at default (50)

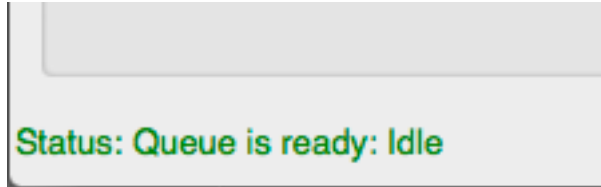
IMAGEPRINT – PRINTING THE PHOTO

PRINTING THE PHOTO

hit _____ the PRINT button in the top left of the DASHBOARD window [CMD] P
this sends the print to SpoolFace, the queue for the printer
use _____ VIEW> SPOOLFACE if it doesn't open automatically

SPOOLFACE

Open SpoolFace and make sure the job queue is empty *before* you hit print
Check at the bottom of the screen for Status: Queue is ready: Idle (in green ink)



There should only be the current print job in the queue.
The status at the very bottom left of the window should read: STATUS: QUEUE IS READY: IDLE

delete _____ any other prints from the queue
otherwise the system gets hung up
drag _____ the file to the SAVE JOBS window, then -
drag _____ files from the SAVE JOBS window to the TRASHCAN icon
located at the bottom right of that window

Sometimes the Queue must be cleared with a force quit
use _____ QUEUE> FORCE QUIT

To remove a photo from the Layout window use the black scissors CUT tool



LAB ETIQUETTE

Shut everything off and return the Lab and the printers to 'Hotel Ready' when finished working.

Lab:

- Shut down the computer when finished
- Tuck the keyboards under the monitor
- Put the mouse under as well
- Push the chair under the desk

Printers:

- Turn the printers off when finished working. (This helps with network stability.)

- Don't switch the inks in the printers.

- Use the **PHOTO** printers when printing on Baryta, Luster or Gloss paper.

- Use the **MATTE** printers when printing on Cotton Rag, Bamboo, or Matte paper.

- Push all trays back in. Be gentle with the trays (even if frustrated...)

- Do not leave a printer when it is hung-up. Don't leave it asking for paper. Reset the printers rather than going to a different printer.

- Reset the printer if necessary

- 4880 Reset = hold the **PAUSE/TRASH** button for 3 sec

- 4900 Reset = hit the **PAUSE/TRASH** button,
move the cursor to **JOB CANCEL** on the screen,
hit the **OK** button

Paper notes:

- Use Epson profiles for Arista II papers.

- If ever in doubt, use an Epson Profile as the default. Find the paper name that is closest to the type of paper you are using.

- Check profiles before you buy paper. Some 'on sale' papers may not have profiles because they are old or outdated.