

PRINTING to the B&W LASER PRINTER

These are instructions to print out black & white proofs to the HP B&W Laser Printer in the Digital Studio 421 at TUCC..

CHOOSE the PRINTER

Connect your computer to the HP Laserjet 4050 printer.

open _____ the CHOOSER from the APPLE menu
select _____ NETWORK QUEUES in the left hand window
a full list of printers will appear in the right hand window
select _____ TUCC421B-Q at the top of the list
close _____ the CHOOSER window [CMD] W
hit _____ [RETURN] to close the warning box that opens
return _____ to PhotoShop

PAGE SETUP

In PhotoShop, go to Page Setup and tell the printer how to handle the picture.

open _____ PAGE SETUP FILE> PAGE SETUP [CMD] [SHFT] P
goto _____ PAGE ATTRIBUTES in pull down menu
set _____ paper: to letter
set _____ orientation: to portrait (vertical)
or landscape (horizontal)
keep _____ scale: at 100%
add _____ a border
goto _____ ADOBE PHOTOSHOP 6 in pull down menu
click on _____ BORDER button
set _____ width to 1 point
hit _____ [RETURN] to close the dialog box

PRINT PICTURE

When you are ready to print the picture, just hit the Print button. Numerous options have to be set to get optimal quality out of these printers, especially the ASCII setting. See the next page for Laser Printer Setup. You should only have to do this once, but double check before printing, just in case someone has inadvertently changed things.

print _____ by clicking the [PRINT] button or hitting [RETURN]

NOVELL NETWORK LOGIN

If you have not logged in previous to printing, the Novel Network dialog box will come up.

set _____ name to the name of the computer
this should come up automatically
leave _____ password blank
login _____ by clicking the [LOGIN] button or hitting [RETURN]

When all of this is done, return to the Desktop and watch the printer queue to see if your job is being printed.

2Xclick _____ on TUCC421B-Q DESKTOP PRINTER icon to open the Printer Monitor

PRINTER SETUPS

SETTING OPTIONS for the LASER PRINTER

Check the following settings. If your computer is not set like this, reset the options and then hit [SAVE SETTINGS]. The ASCII encoding setting is especially important. If you print with the data encoding set to Binary, the printer will spit out pages and pages of garbage. This wastes time, paper, and can screw up the printer queue and no one will be able to print.

goto _____ ADOBE PHOTOSHOP 6 in pull down menu
 set _____ encoding to ASCII
 set _____ source space to proof setup
 set _____ print space to same as source
goto _____ imaging options in pull down menu
 set _____ econo-mode to highest quality
 set _____ levels of gray to enhanced
goto _____ resolution options in pull down menu
 set _____ resolution to pro res 1200
 set _____ enhancement to on
hit _____ the [SAVE SETTINGS] button to keep these settings

SETTING OPTIONS for the EPSON COLOR PRINTERS

The Epson printers use drivers that are written specifically for these printers. All options for these printers can be set for each job individually, either in Page Setup or Print dialog boxes.

PRINTER SETUP

A small icon should appear next to any printer that shows up in the chooser. This means the printer has been 'set up'. This means that the appropriate printer description has been assigned. The Laser Printer drivers can print to many different makes of printers. The Epson printer drivers are for specific printers.

If there is no icon to the left of the printer name in the right hand window, do a setup.

open _____ the CHOOSER
select _____ the PRINTER DRIVER in the left hand window
select _____ the PRINTER in the right hand window
 click on _____ the SETUP button
 the chooser will proceed to load the proper printer description

PRINTING to the EPSON COLOR PRINTERS

These are instructions to print out color pictures to the Epson 820 and 1280 Printers in the Digital Studio at TUCC.

CHOOSE the PRINTER

Connect your computer to the any of the Epson Color 820 or 1280 printers.

open _____ the CHOOSE from the APPLE menu
select _____ the EPSON 820 or EPSON 1280 icon in the left hand window
the printer name will appear in the right hand window
the name of the interface (USB) will also be listed
select _____ the EPSON 820 or EPSON 1280 printer by clicking only once!
keep _____ APPLE TALK turned on
turn on _____ BACKGROUND PRINTING
close _____ the CHOOSE window [CMD] W
hit _____ [RETURN] to close the WARNING box that opens
return _____ to PhotoShop

PAGE SETUP

In PhotoShop, go to the Page Setup and tell the printer how to handle the picture.

open _____ PAGE SETUP [CMD] [SHFT] P
set _____ page size to letter (small)
set _____ source to auto sheet feeder
set _____ page orientation to portrait (vertical), or -
landscape (horizontal)
keep _____ reduce or enlarge at 100%
set _____ printable area to standard for vertical prints, or -
to maximum or centered for horizontal
create _____ a border
click on _____ BORDER button at bottom of dialog box
set _____ width to 1 point

PRINT PICTURE

When you are ready to print the picture, numerous options have to be set, especially the ASCII setting. If you print with the data encoding set to Binary, the printer will spit out

Media Type

open _____ the PRINT dialog box [CMD] P
leave _____ copies at 1
set _____ media type
use _____ plain paper for plain paper
(do not print on plain paper)
use _____ photo quality inkjet for matte papers
use _____ photo for photo quality papers
use _____ photo glossy for glossy papers (avoid high gloss)
set _____ ink to color
never print in straight black ink mode
don't print photos that are in greyscale mode in PhotoShop
"no b&w photo is ever finished until it has been toned", even if minimally

PRINTING to the EPSON COLOR PRINTERS, cont'd

The real control comes in setting the advanced printing options properly. Published articles have shown that PhotoEnhance software from Epson makes a real difference.

Advanced Printing Options

set _____ the ADVANCED options
set _____ MODE to custom
click on _____ ADVANCED settings button
set _____ print quality to 720 dpi
keep _____ halftoning set to error diffusion
turn on _____ finest detail
set _____ color adjustment mode
click on _____ photoenhance4
set _____ tone to normal not hard or -
turn off _____ tone completely
if you want sepia or monochrome
do it in PhotoShop
if you want, do it in PhotoShop
set _____ sharpness to lowest setting
turn on _____ digicamera correction
these settings can be set as default if they did not come this way
click on _____ [SAVE SETTINGS] button at bottom of dialog box
click on _____ the [OKAY] button or hit [RETURN] to finish
this will return to the PRINT dialog box

Source Space

set _____ the SOURCE SPACE to Document: Adobe RGB (1998)
the document would have to have Adobe RGB (1998) embedded when saved
if not,
resave _____ the document
turn on _____ [EMBED COLOR PROFILE: ADOBE RGB (1998)]
in the COLOR: section at the bottom of the [SAVE] dialog box
if the Adobe RGB (1998) color profile does not appear,
reset _____ the working space COLOR SETTINGS [CMD] [SHFT] K
set _____ RGB to Adobe RGB (1998)
set _____ CMYK to SWOP (coated)
set _____ Gray to Gray Gamma 2.2
set _____ Spot to Dot Gain 20%
only the RGB and Grayscale settings will actually be used by an inkjet printer

Print Space

set _____ PROFILE to the color profile for the printer and paper being used
e.g. EPSON Stylus Color 1280, Quality Ink Jet Paper for proofing to Great White
EPSON Stylus Color 820 Photo Paper, etc..
set _____ INTENT to Relative Colorimetric for the most accurate rendering

Print the Picture

hit _____ the [PRINT] button to print the picture