

## 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 \_\_\_\_\_ **APPLETALK** 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