SELF SERVE PRINTING ON THE EPSON 3880 AND SURE COLOR P-800:

To book the printers, students in authorized classes should sign up on the sheets posted in Rm. 132. Students may sign up for a maximum of 2 hours per day.

PAPER:

When self serve printing, all students must provide their own paper. The printers have a maximum width of 17". Sheets in sizes up to 17x22" are acceptable. Paper can be purchased by the sheet (13 x 19" only) from the York University Bookstore in the following surfaces:

Epson Premium Luster

Epson Ultra Premium Presentation Paper Matte (Formerly Enhanced Matte) Epson UltraSmooth Fine Art Epson Semigloss

Students may also bring in their own boxes of ink jet coated paper.

COLOUR MANAGEMENT / SOFT PROOFING:

For best results when printing from Adobe Photoshop it is a good idea to convert the colour profile of your image to **Adobe RGB 1998**. To do this, go to: **Edit / Convert to Profile**. Under Destination Space, choose Adobe RGB 1998 and click ok.

| Convert to Profile | |
|--|--------------|
| Source Space Profile: sRGB IEC61966-2.1 | OK Cancel |
| Destination Space | 🗹 Preview |
| Profile: Adobe KGB (1998) | _ |
| Conversion Options | |
| Engine: Adobe (ACE) | Advanced |
| Intent: Relative Colorimetric | |
| ☑ Use Black Point Compensation | |
| ☑ Use Dither | |
| Flatten Image to Preserve Appearance | |

It is also helpful to set up "soft proofing" in Photoshop in order to better anticipate what your print will look like on the paper you are using. To set up Soft Proofing go to: **View / Proof Setup / Custom**, and you will see the window below:

| - | Customize Proof Condition | |
|-------------------------|---|---------|
| Custom Proof Condition: | Custom | ОК |
| Proof Conditions | | Cancel |
| Device to Simulate: | SC-P800 Series Ultra Premium Photo Paper Luster | |
| | Preserve RGB Numbers | Load |
| Rendering Intent: | Relative Colorimetric | Save |
| | Black Point Compensation | Preview |
| Display Options (On- | \neg | |
| 🗸 Simulate Paper Col | | |
| Simulate Black Ink | | |
| | | |

Device to Simulate: set your paper type. Note the paper profiles for the Epson 3880 begin with Epson Stylus Pro 3880 (SC P800 pictured above).

Preserve RGB Numbers: unchecked.

Rendering Intent: Relative Colormetric and check Black Point Compensation **Display Options (On-Screen)**: Check Simulate Paper Colour.

HOW TO PRINT IN COLOUR:

Once you are finished adjusting your file in Adobe Photoshop and you are ready to print, you should:

- Size your file to fit your paper in Photoshop (Image / Image Size) and make sure it has a printable resolution (180 - 360 ppi recommended). NOTE: you cannot make borderless prints on these printers, so the printer will make a small border over your image if it is the same size as your paper.
- Make sure the printer is on and the correct black is loaded for your paper type. This
 is visible on the display panels, (ie: luster paper = photo black, matte paper = matte
 black.) If black needs to be changed, please ask technician or lab monitor for
 assistance.
- Load your paper **coated side up** and align it between the guides on the **right side**.
- For heavy, fine art papers (ie. Ultrasmooth, Velvet) speak to the technician about loading.

Next, open the print dialogue window (File / Print):

| 000 | Photoshop Print Set | ttings | |
|-------------|---------------------|--|--|
| 12.944 in x | 19.014 in | Printer Setup Printer: EPSON Epson Stylus Pro 3880 ‡ Copies: 1 Print Settings Layout: 1 | |
| | | ▼ Color Management Remember to disable the printer's color management in the print settings dialog box. Document Profile: Adobe RGB (1998) Color Handling: Photoshop Manages Colors ‡ | |
| | | Printer Profile: Epson Stylus Pro 3880_3885_3890 E + Send 16-bit Data Normal Printing + Rendering Intent: Relative Colorimetric + Black Point Compensation | |

Color Handling: choose Photoshop Manages Colors

Printer Profile: choose your paper type from the list. **Note:** this will vary slightly between printers.

Rendering Intent: choose Relative Colormetric Check Black Point Compensation

Click on the **Print Settings** button.

| Photoshop Print Se | ettings |
|--------------------|---|
| | Printer Setup Printer: EPSON Epson Stylus Pro 3880 ÷ €* Copies: 1 Layout: 🖗 |
| | ▼ Color Management |
| | Color Handling: Photoshop Manages Colors Printer Profile: Epson Stylus Pro 3880_3885_3890 E Send 16-bit Data |
| | Normal Printing \$ |

| | Print |
|------------|------------------------------------|
| Printe | r: ▲ EPSON Epson Stylus Pro 3880 ‡ |
| Presets | :: Default Settings \$ |
| Copies | . 1 |
| Paper Size | e: Super B/A3 |
| | Layout \$ |
| | Pages per Sheet: 1 + |
| | |

Paper Size: Choose your paper size from the list provided (13x19" / Super B/A3). Note: There will be several options listed for each size. Choose the top one.

In the drop down menu, choose Printer Settings.

| | THIN | |
|------------|--|-------------------------|
| Printer | EPSON Epson Stylus Pro 388 | 0 \$ |
| Presets | Default Settings | * * |
| Copies | 1 | |
| Paper Size | : Super B/A3 ‡ 12. | 95 by 19.01 inches |
| | ✓ Layout Color Matching Paper Handling Cover Page | |
| 11 | Printer Settings | P UP PV |
| | Page Layout Settings Advanced Media Control | * |
| | Supply Levels | ÷ |
| | R | everse page orientation |
| | - F | lin horizontally |

| Paper Size: | Super B/A3 ‡ 12.95 by 19.01 inche Printer Settings ‡ Basic Advanced Color Settings | :5 |
|--------------------|---|--------|
| Page Setup: | Sheet Feeder | |
| Media Type: | Ultra Premium Presentation Paper Matte | \$ |
| | Ink: Matte Black | A T |
| Print Mode: | AccuPhoto HD2 | utput |
| Color Mode: | Off (No Color Management) 💠 | |
| Output Resolution: | SuperFine – 1440 dpi 🗘 | |
| | High Speed | |
| | Flip Horizontal | |
| | ✓ Finest Detail | |

Media Type: Choose paper type you are using

Ink (greyed out): tells you which black ink is currently set (Matte or Photo). If you need to change the black to match your paper type, **please ask monitor or**

technician for assistance.

Print Mode: AccuPhoto HD (greyed out) Color Mode: Off (No Color Management) (greyed out) Output Resolution: SuperFine – 1440 dpi Uncheck High Speed and check Finest Detail Click Save

| O O O Photoshop Print Setti | ngs |
|-----------------------------------|--|
| <section-header></section-header> | Printer Setup Printer: EPSON Epson Stylus Pro 3880 ‡ Copies: 1 Layout: Image: Print Settings Layout: Image: Print Settings Layout: Image: Print Settings and print settings dialog box. Document Profile: Adobe RGB (1998) Color Handling: Color Handling: Photoshop Manages Colors ‡ Printer Profile: Epson Stylus Pro 3880_3885_3890 E ‡ Send 16-bit Data Normal Printing ‡ Rendering Intent: Relative Colorimetric ‡ Image: Black Point Compensation Image: Printer Printer |

Check your preview to make sure orientation is correct. If not you can change the **Layout**. You can also uncheck **Center** Image if you would like to position a smaller image on a larger sheet.

Now you are ready to print!

Make sure your paper is correctly loaded in the paper tray, coated side up, and hit **Print.**

HOW TO PRINT IN BLACK AND WHITE:

For best results when printing in black and white, convert your image into grayscale. Use the **Colour Management** guidelines above, and choose **Gray Gamma 2.2.** Soft Proof your image as per instructions above.

Once you are finished adjusting your file and you are ready to print, you should:

- Size your file to fit your paper in Photoshop (Image / Image Size) and make sure it has a printable resolution (180 - 360 ppi recommended). NOTE: you cannot make borderless prints on these printers, so the printer will make a small border over your image if it is the same size as your paper.
- Make sure the printer is on and the correct black is loaded for your paper type. This
 is visible on the display panels, (ie: luster paper = photo black, matte paper = matte
 black.) If black needs to be changed, please ask technician or lab monitor for
 assistance.
- Load your paper coated side up and align it between the guides on the right side.
- For heavy, fine art papers (ie. Ultrasmooth, Velvet) speak to the technician about loading.



Next, open the print dialogue window (File / Print):

Color Handling: choose Printer Manages Colors

Printer Profile: greyed out Rendering Intent: choose Relative Colorimetric Black Point Compensation: greyed out

Click on the **Print Settings** button near top.

| | Print |
|-------------|---------------------------------|
| Printer: | ▲ EPSON Epson Stylus Pro 3880 ‡ |
| Presets: | Default Settings ‡ |
| Copies: | 1 |
| Paper Size: | Super B/A3 |
| | Layout \$ |
| | Pages per Sheet: 1 + |

Paper Size: choose your paper size from the list provided (13x19" or Super B/A3). Note: There will be several options listed for each size. Choose the top one.

In the drop down menu, choose Color Matching.

| Printer: | EPSON SC-P800 Series | 2 ᅌ |
|------------|------------------------|--------------------------|
| Presets: | Default Settings | \$ |
| Copies: | 1 | |
| aper Size: | 13 x 19 in | 12.95 by 19.02 inches |
| | ✓ Layout | |
| | Color Matching | |
| | Paper Handling | |
| | Cover Page | |
| | Printer Settings | AT T |
| | Roll Paper Settings | |
| | Advanced Media Control | |
| | Supply Levels | no orientati |
| | | Reverse page orientation |
| | | Flip horizontally |
| | | |

Select Epson Color Controls

| Printer: | C EPSON SC-P80 | C EPSON SC-P800 Series 2 | | |
|-----------|------------------|--------------------------|-------------------|-------|
| Presets: | Default Settings | Default Settings | | |
| Copies: | 1 | | | |
| per Size: | 13 x 19 in | \$ | 12.95 by 19.02 ir | nches |
| | Color Matching | | 0 | |
| ⊖ Ca | olorSync | EPSO | N Color Controls | |

In the drop down menu, choose Printer Settings.

| Printer: | Sepson SC-P800 Series 2 | | | |
|------------|-------------------------|------------------------------------|--|--|
| Presets: | Default Set | tings 🗢 | | |
| Copies: | 1 | | | |
| aper Size: | 13 x 19 in | 12.95 by 19.02 inches | | |
| | Printer Sett | ings 📀 | | |
| | Basic | Advanced Color Settings | | |
| | Page Setup: | Standard | | |
| Pa | per Source: | Sheet Feeder | | |
| | Media Type: | Ultra Premium Photo Paper Luster 📀 | | |
| | | Ink: Photo Black | | |
| | Print Mode: | Advanced B&W Photo | | |
| С | olor Toning: | Neutral | | |
| Output | Resolution: | SuperFine - 1440 dpi | | |
| | | ✓ High Speed | | |
| | | Mirror Image | | |
| | | | | |

• Under Media Type: choose paper type you are using

- Ink: tells you which black ink is currently set (Matte or Photo). If you need to change this for your paper type, please ask monitor or technician for assistance.
- Under Print Mode: choose Advanced B&W Photo
- Under **Color Toning**: choose your preferred tone for your print (Neutral, Cool, Warm, Sepia)
- Output Resolution: SuperFine 1440 dpi
- Uncheck High Speed and check Finest Detail
- Click Save

Now you are ready to print!

Make sure your paper is correctly loaded in the paper tray, coated side up, and hit **Print.**