Scanning with SilverFast Ai
Epson Perfection 4180 Photo and Expression 10000 XL

1. Launch Adobe PhotoShop.

2. From the File menu, choose Import > SilverFast(scanner). Your selection will be based on the scanner that you are using:
   - SilverFast (Epson) for the Epson Perfection 4180 Photo scanners
   - SilverFast (EpsonTI8) for the Epson Expression 1640 XL scanners.

3. Once SilverFast is launched, press the Prescan button to view your image.

4. Adjust the size and placement the Selection Marquee (highlighted area) to frame the portion of the image that you wish to capture.
5. Under **Scan Type:** choose 42->24 Bit Color for a color image and 16-8 Bit Grayscale for grayscale.

![Scan Type](image1.png)

6. Now you must adjust the image quality for type of image you are scanning. There are 2 ways to do this:
   a. Click the **Auto-Adjust** button. This will automatically adjust the highlights, shadows, brightness, and contrast of the image.
   
   ![Auto-Adjust](image2.png)

   -OR-

   b. Manually adjust the brightness, contrast, levels, curves, color, etc. by clicking on the **Histogram**, **Gradation-Adjustment**, and **Color Correction** buttons and adjusting the levels in those menus.

![Manual Adjustments](image3.png)

7. If you are scanning a newspaper, magazine, or art print, you should descreen the scanned image for maximum image quality and sharpness. Select **USM & Descreening** in the **Filter** field.

The **USM & Descreening** dialog box will appear. Next to **Screen**, identify what type of print your document is.

If you want, you can click **Prescan** and then click the little box onto part of your scanned image to see a preview of what the descreening process will do to the image.

![Prescan](image4.png)
8. Adjust the size of your image. The resolution should be 300 dpi at 100% of the image size. You may also wish to scale the image at this point. Do this by entering a percentage in the appropriate box.

9. When all of your settings are the way you want them, click the Scan button. This will scan your image into PhotoShop.

For questions or comments regarding this document, please email docxteam@hamilton.edu.