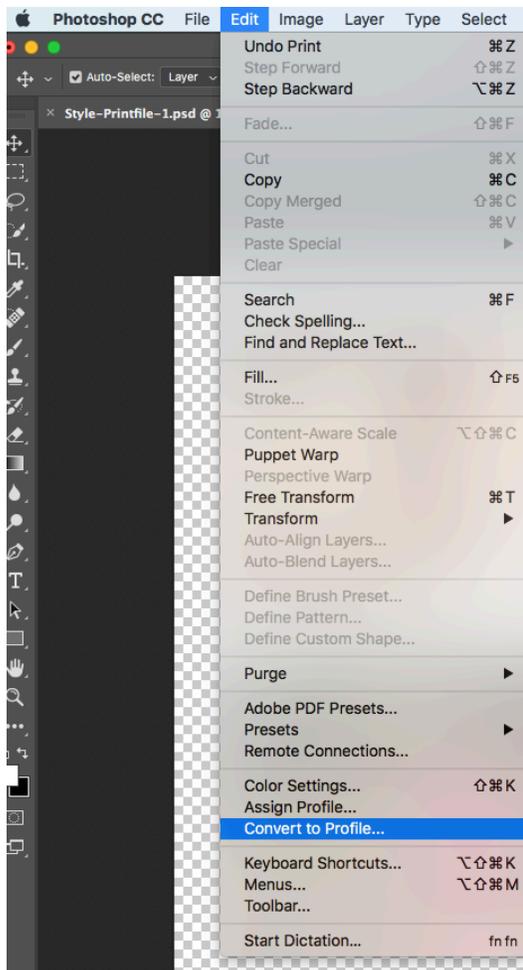


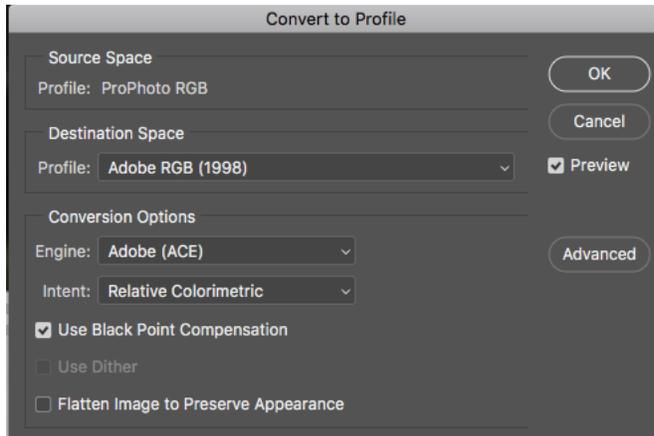
Advanced Digital Photography  
MPPH-308-01  
MassArt - Spring 2019  
Rebecca Morrison  
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## PRINTING TO THE 24" ROLL PRINTERS (in The Lab on Tower 3)

1. Open your printfile(s) in Adobe Photoshop at one of the printing stations in the lab. I recommend going to your Printfiles folder in Bridge (**Your External Drive → Advanced Digital Photo → Image Exports → Printfiles** ) and then opening it by right-clicking the file and choosing “**Open With → Adobe Photoshop CC**”).
2. Once your file is open in Photoshop, change your color settings by choosing **Edit → Convert to Profile** in Photoshop.



3. In the “**Convert to Profile**” dialog box that comes up, choose “**Adobe RGB**” from the Destination Profile drop-down. Make sure that “**Use Black Point Compensation**” is **checked** and that “**Flatten Image to Preserve Appearance**” is **NOT** checked.

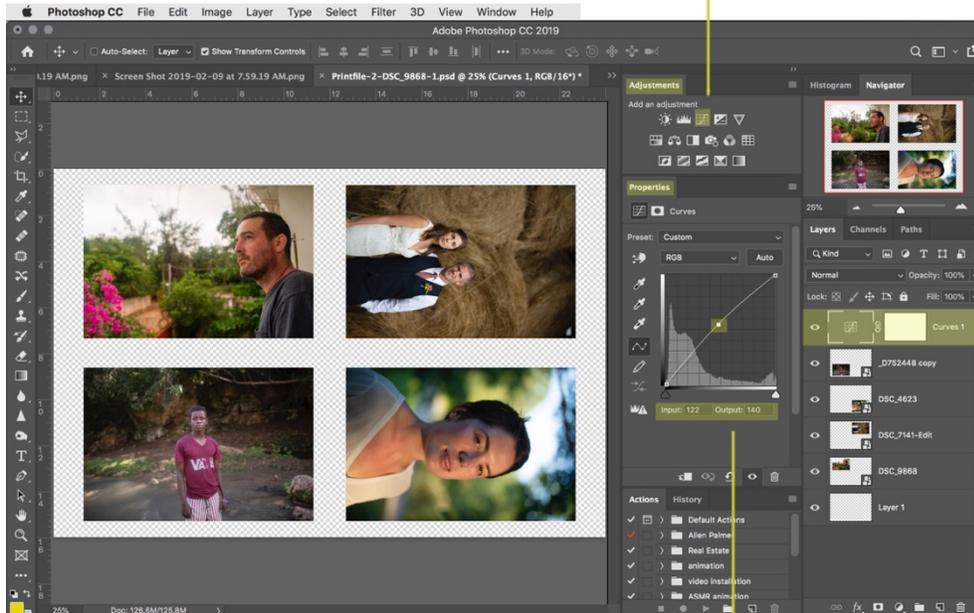


Clicking “OK” will bring up the following Dialog Box, where you should choose “Don’t Rasterize”:



**CHOOSE “DON'T RASTERIZE”**

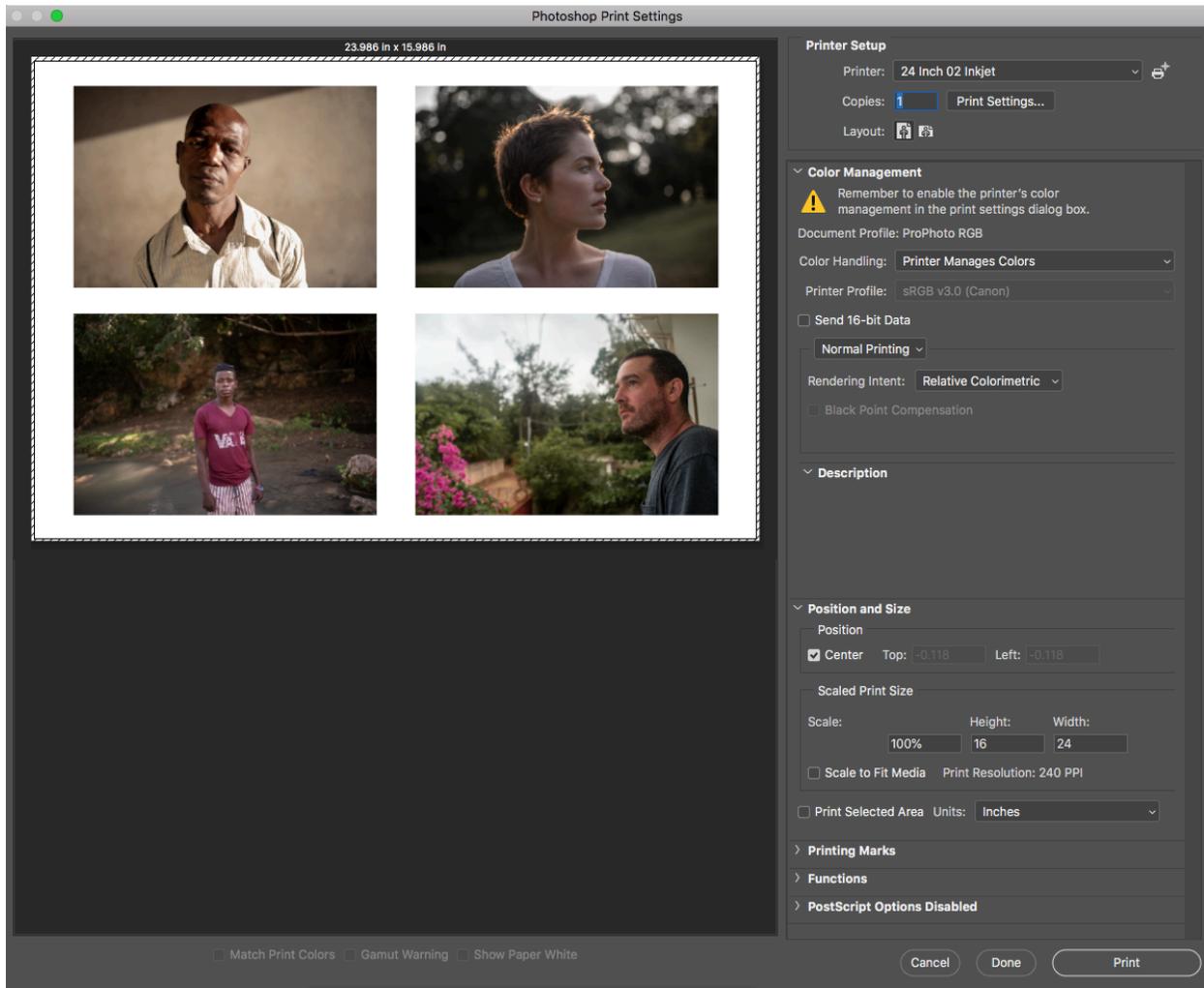
### Curves Adjustment Layer (click once to add)



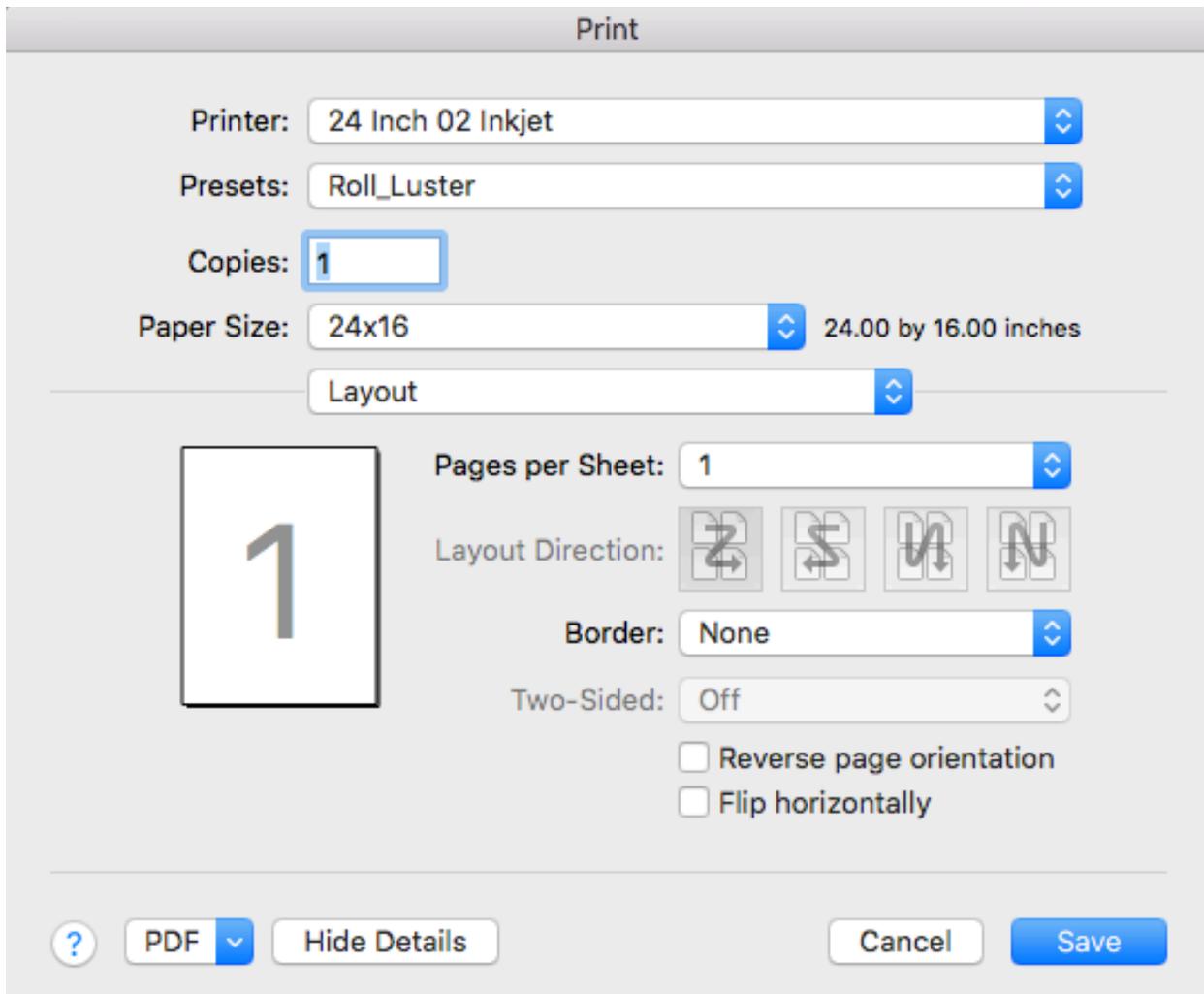
**Make sure your Adjustment Layer is above all other layers (affecting everything below it).**

**Plot a point in the center,  
Change input and output numbers.**

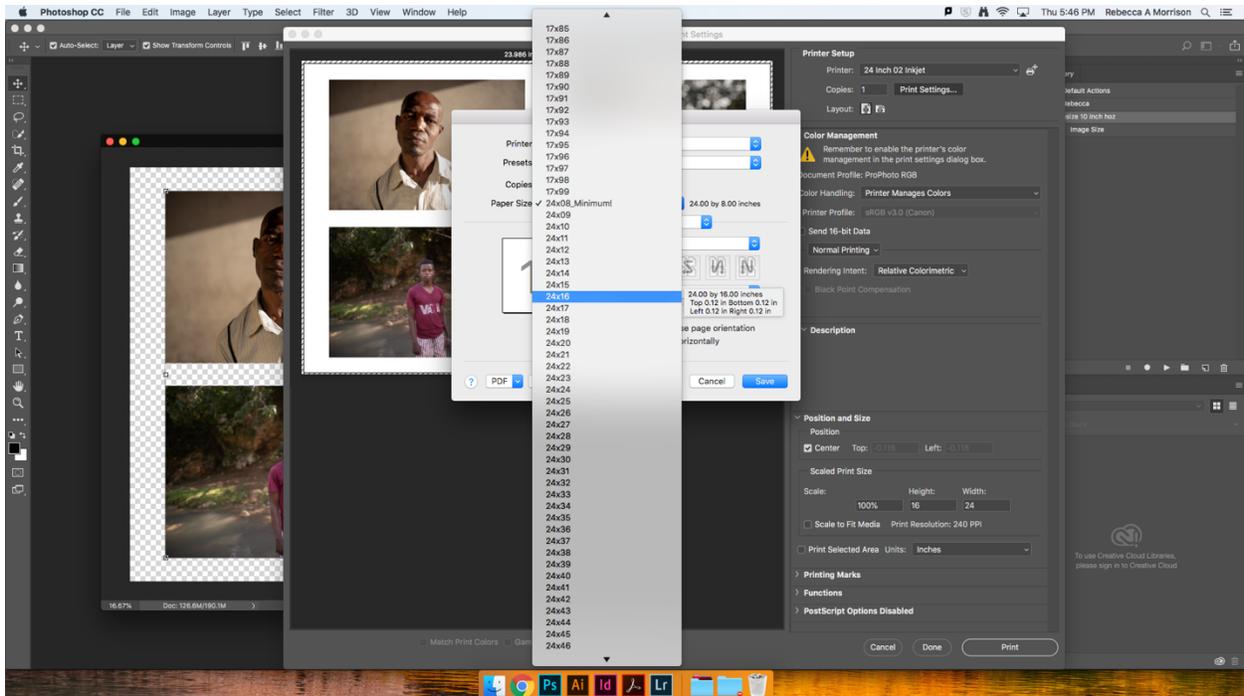
4. Because the printing system in the Tower lab uses Printer color management rather than Photoshop color management, there is often a slight mis-translation between screen and print, usually resulting in a slightly darker printed image. I recommend adding an adjustment layer to compensate for this. *Adjustment layers affect everything below them, so make sure you add this layer above your four image layers.* To do this, make sure your top layer is selected before completing the following steps:
5. Go to the **Adjustments panel** and choose to add a curves layer  (If your Adjustments panel is not showing, go to “Window → Adjustments” to reveal it.)
6. Plot a point around the center of the tone curve by clicking once on the center of the diagonal line on the tone curve in the “Properties” Window. (If your Properties panel is not showing, go to “Window → Properties” to reveal it.)
7. Manually change the “Input” and “Output” numbers to move the curve point up. I have had good luck in this lab using an **input** of “122” and an **output** of “140.”



8. Choose **File** → **Print** which will open the **Print dialog box**.
9. Under “**Printer**,” choose the 24” printer you are using, either Matte (01) or Luster (02) paper, based on your preference.
10. Under “Color Handling,” chose “**Printer Manages Colors**,” then choose “**Normal Printing**” and “**Relative Colorimetric**.”
11. Make sure that the “**Center**” box is checked under “Position” and that scale is at **100%**.
12. Back at the top of the dialog box, choose the “**PRINT SETTINGS**” button on the top right. This will pull up the **PRINT SETTINGS DIALOG BOX**:



10. Under “Printer,” choose “**24 Inch Inkjet.**” “**01**” is **Matte** and “**02**” is **Luster**.
11. Under “**Presets,**” Choose “**Roll\_Luster**” for Printer 02 (Luster paper) and “**Roll\_Matte**” for Printer 01 (Matte paper).
12. Under Paper Size, Choose “24x16” from the drop-down. Make sure that this preset says “24.00 by 16.00 inches” on the right.

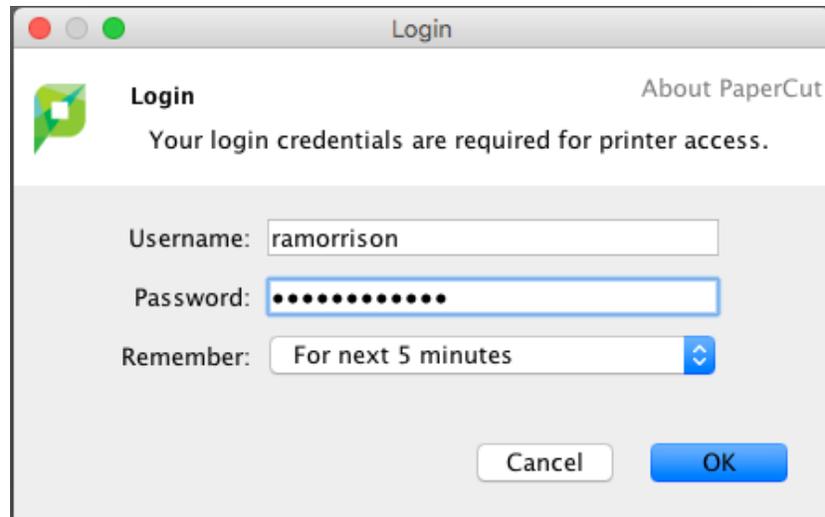


13. Back in the Print dialog box, make sure that your paper orientation is correct at the top (This will likely be, counterintuitively, a vertical layout, as 24" is the first dimension of the paper size).
14. Hit **“Print”** on the bottom right.
15. Because you sized your print to exactly 24" wide, you will get the following dialog box:



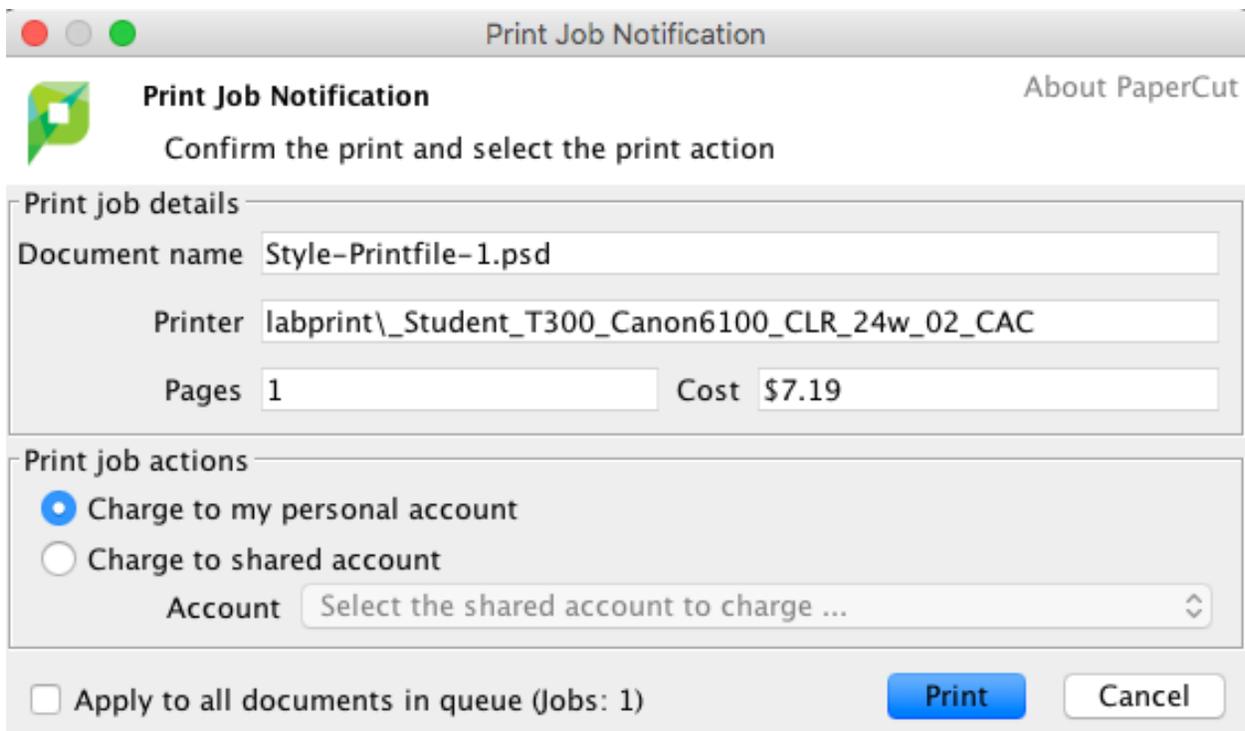
You can tell Photoshop to “Proceed” and even check off “Don’t show again.” This won’t pose a problem in this case.

16. This will pull up a PaperCut dialog box, where you will need to log in using your MassArt Net ID and password to print using your PaperCut account.



The screenshot shows a 'Login' dialog box with a title bar containing the text 'Login'. The dialog features a PaperCut logo on the left and the text 'About PaperCut' on the right. Below the logo, the text reads 'Login' and 'Your login credentials are required for printer access.' The form contains three input fields: 'Username:' with the value 'ramorrison', 'Password:' with a masked field of ten dots, and 'Remember:' with a dropdown menu set to 'For next 5 minutes'. At the bottom right, there are two buttons: 'Cancel' and 'OK'.

17. You will need to approve the print from a second dialog box in PaperCut. Hit “Print” here to send the image file to the printer:



The screenshot shows a 'Print Job Notification' dialog box with a title bar containing the text 'Print Job Notification'. The dialog features a PaperCut logo on the left and the text 'About PaperCut' on the right. Below the logo, the text reads 'Print Job Notification' and 'Confirm the print and select the print action'. The dialog is divided into two sections: 'Print job details' and 'Print job actions'. The 'Print job details' section contains three input fields: 'Document name' with the value 'Style-Printfile-1.psd', 'Printer' with the value 'labprint\\_Student\\_T300\\_Canon6100\\_CLR\\_24w\\_02\\_CAC', and 'Pages' with the value '1'. The 'Cost' is displayed as '\$7.19'. The 'Print job actions' section contains two radio buttons: 'Charge to my personal account' (selected) and 'Charge to shared account'. Below the radio buttons is an 'Account' dropdown menu with the text 'Select the shared account to charge ...'. At the bottom left, there is a checkbox labeled 'Apply to all documents in queue (Jobs: 1)'. At the bottom right, there are two buttons: 'Print' and 'Cancel'.