HOW TO PRINT FROM PHOTOSHOP
Ready to print? Put a sheet of paper in the feed, snug with the right side...
The paper should be print-side up. Some papers, like Epson Premium Luster, will have a watermark on the back.
Adjust the guide so it is snug with the paper on the left side...

...but not tight. If you find your paper is mis-loading regularly, push the guide right up to the edge and then back off a tiny bit (start with an 1/8 of an inch).
Especially with larger sheets, it’s good idea to extend the paper tray.
Confirm that your image is the correct resolution to print (300 ppi) at the physical size of your print. In the menu bar: Image > Image Size.
Confirm that the height and width of your image are suited to the paper you plan to print on.
COLOR SETTINGS...

IMAGES COMING FROM A DIGITAL CAMERA WILL OFTEN HAVE A PROFILE —INFORMATION ATTACHED TO THE IMAGE THAT DESCRIBES THE PROPERTIES OF THE CAMERA SUCH THAT COLOR CAN BE RENDERED ACCURATELY ON OTHER DEVICES LIKE A SCREEN OR A PRINTER...
BUT WHAT IF YOU CREATED AN IMAGE FROM SCRATCH IN PHOTOSHOP, OR CREATED A COLLAGE FROM MANY DIFFERENT SOURCES? IT’S A GOOD IDEA TO HAVE PHOTOSHOP ASSIGN A PROFILE TO YOUR IMAGE.
Set the color settings in Edit > Color Settings.
In this dialog, tell Photoshop to make the working color space Adobe RGB (1998).

You can also tell it to convert the working space of any file you open or copy/paste.
SO, THE RULES-OF-THUMB...
IF YOU’RE BRINGING AN IMAGE FROM A CAMERA, KEEP THE CAMERA PROFILE

IF YOU’RE BUILDING SOMETHING FROM SCRATCH, OR COLLAGING IMAGES YOU GOT FROM THE INTERNET, CONVERT YOUR SOURCE IMAGES TO ADOBE RGB 1998
Now you're ready to print...

File > Print
Here's the Print dialog, where all the real action happens...
Make sure you have the right printer selected.
Orient the page layout as needed.
We’re going to adjust some settings like paper size and type....
In the Print Settings dialogue we can choose a paper size.
Lots to choose from, but what if you need a custom size that isn't in the presets?
For example, we sell 13” x 19” sheets of Epson Premium Luster, but there is no preset for it. Go to Manage Custom Sizes...
In the Custom Paper Sizes dialog, click on the plus (+) button to add a new size.
An untitled paper size is added to the list....
Double-click on “Untitled” and give it a real name (so you can find it again!)
Then fill in all of the blanks with the size you want, including non-printing margins. Then hit OK.
Next, tell the printer what kind of paper you are using...
In this case, I'm printing on Ultra Premium Photo Paper. Then hit Save.
Back in the main Print dialog you can see the image placed on the new page size.
But... I changed my mind and switched the paper back to US Letter...
Make sure that Photoshop is managing the color.
And select the printer profile. In this case, Pro38 PLPP (short for Epson Stylus Pro 3800, Premium Luster Photo Paper!)
WHAT IS THE **PRINTER PROFILE**? JUST AS WE HAVE A PROFILE ATTACHED TO OUR FILE TELLING US THE COLOR PROPERTIES OF THE CAPTURE DEVICE (CAMERA OR SCANNER, OR MADE FROM SCRATCH IN PHOTOSHOP) THERE IS A PROFILE THAT DESCRIBES THE COLOR PROPERTIES OF THE PRINTER AND THE PAPER YOU ARE USING.
BY KNOWING WHERE THE IMAGE CAME FROM AND WHERE IT IS GOING, PHOTOSHOP CAN MANAGE THE TRANSLATION BETWEEN THE TWO FOR THE MOST ACCURATE REPRODUCTION.
BECAUSE INK SITS DIFFERENTLY ON EACH TYPE OF PAPER, A SEPARATE PROFILE IS NEEDED FOR EACH. MOST PAPER MANUFACTURERS WILL PROVIDE PROFILES OR RECOMMEND AN EXISTING ONE THAT WILL WORK WELL.
IF YOU ARE USING A PAPER FOR WHICH WE DON'T HAVE A PROFILE, GET IN TOUCH WITH JAMES H. TO GET IT LOADED ON:

SPRTWST@GWU.EDU
If the previous user printed on a different kind of paper, you may need to wait a few moments as the printer switches inks.
THE OTHER PRINTERS CAN PRINT ON BOTH PHOTO PAPER AND MATTE PAPER, BUT THEY USE DIFFERENT BLACK INKS FOR EACH. SWITCHING BETWEEN THE TWO WASTES A LOT OF INK. TO CONSERVE A BIT, WE’VE DESIGNATED ONE OF THE PRINTERS PHOTO BLACK ONLY. NO MATTE PAPERS IN THIS PRINTER!
Note that one of the printers is for printing only on photo paper...
... and one of the printers has... issues. Matte paper only...

THIS PRINTER IS EXPERIENCING EMOTIONAL ISSUES...
MATTE PAPER ONLY
Finished masterpiece!