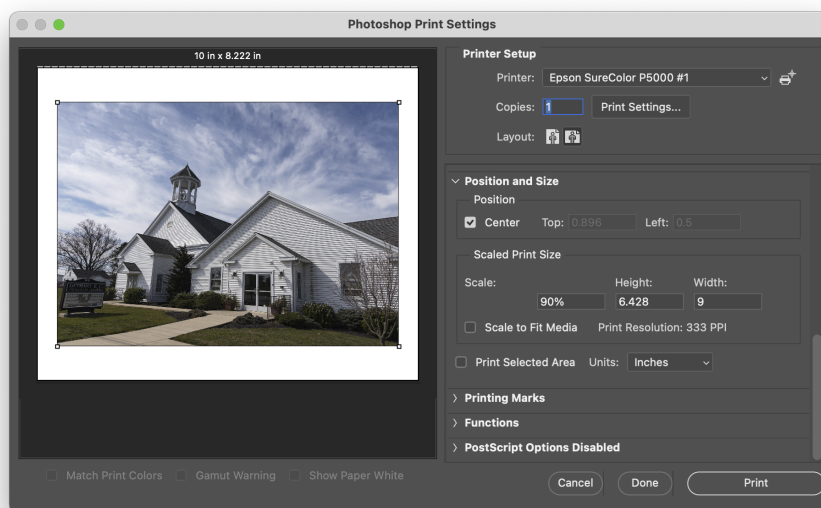


Printing with Epson printers

A visual guide to preparing photographs, loading sheet paper, and printing color or black and white from Photoshop.



A correctly oriented photograph with a visible paper border in the Photoshop print preview.

Start with the right paper and profile

The Epson 5000 and 9000 printers use archival inkjet inks. With suitable paper and archival storage, prints can last 100 years; longevity depends on the materials and storage conditions.

ICC profiles are specific to a printer and paper combination. An Epson 5000 profile is not interchangeable with an Epson 9000 profile. This guide uses the **printer-managed** color workflow shown in the supplied screenshots.

Third party papers Ask your instructor about installing the matching profile. Allow about a week for the technology department to make it available.

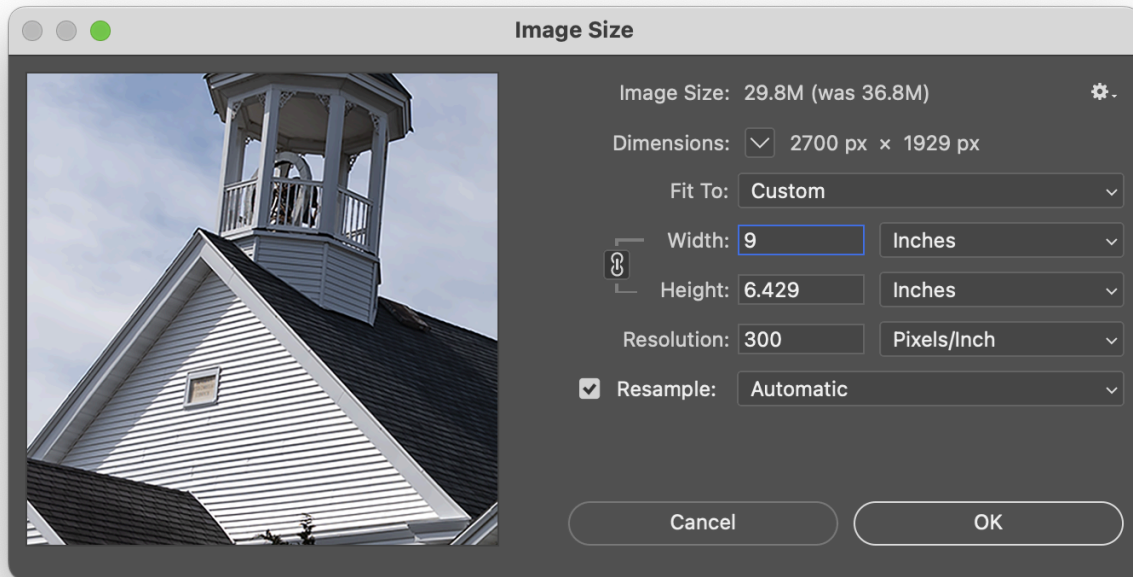
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01

Prepare your photograph

Save a full-size master before resizing. Then prepare a separate version for the intended print size.

- 1 Open Image Size** In Photoshop, choose Image > Image Size.
- 2 Set the dimensions** Enter your desired print dimensions and set Resolution to 300 pixels per inch.



The supplied example is 9 inches wide × 6.429 inches high at 300 ppi.

3 Convert the color profile Choose Edit > Convert to Profile. Set the destination to Adobe RGB (1998) for the workflow in this guide.

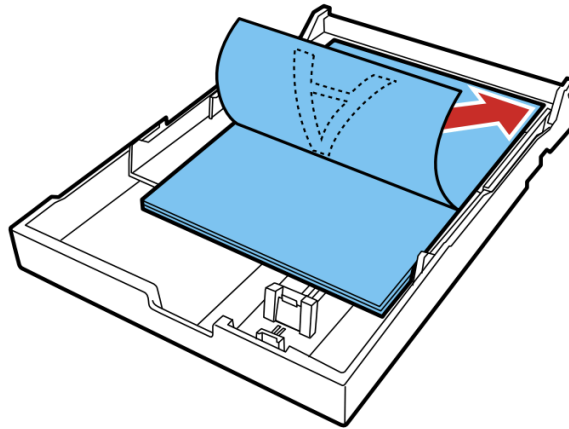
Read the size before you print

Check both the physical dimensions and resolution. The example above describes the image size, not the size of the sheet or roll paper. Leave space around the image for the intended borders.

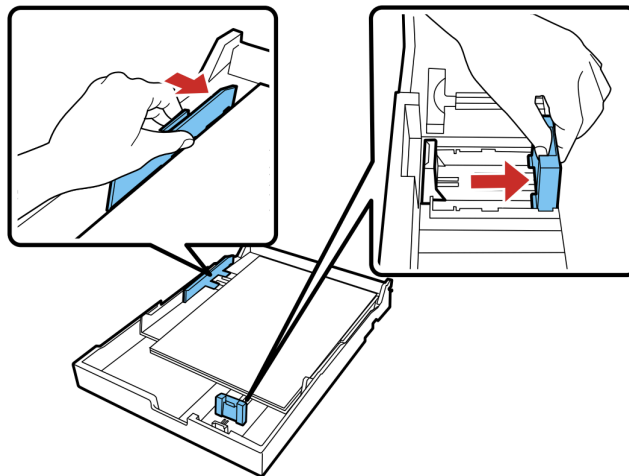
02

Load paper correctly

If roll paper is already loaded, ask your instructor to remove it before loading sheet paper. The cassette illustrations below show the sheet-paper loading procedure.



Place sheet paper face down in the cassette, aligned to the top-right corner of the tray.



Slide the guides against the paper so the stack feeds straight into the printer.

Printer widths The Epson 5000 accepts paper up to 17 inches wide; the Epson 9000 accepts paper up to 44 inches wide. Use the loading procedure appropriate to the printer.

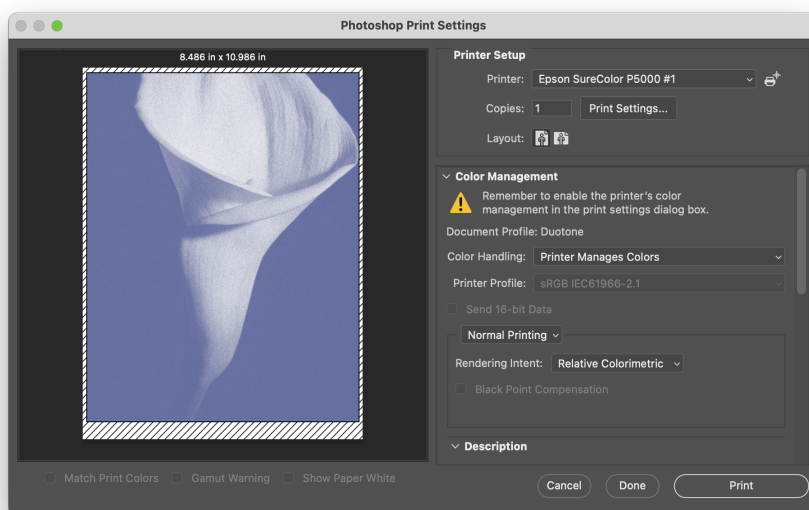
Plan ahead for matte paper

Let your instructor know before using matte paper. Lustre paper uses **Photo Black (PK)**; matte paper uses **Matte Black (MK)**. Switching requires purging the ink line and wastes ink when repeated. Dedicating one printer to matte paper is more efficient for the class.

03

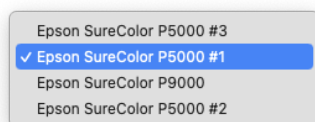
Open the print controls

1 Open Photoshop Print Press Command-P on a Mac, CTRL-P on a PC or choose File > Print. In the Photoshop Print Settings window, **Click Print Settings**

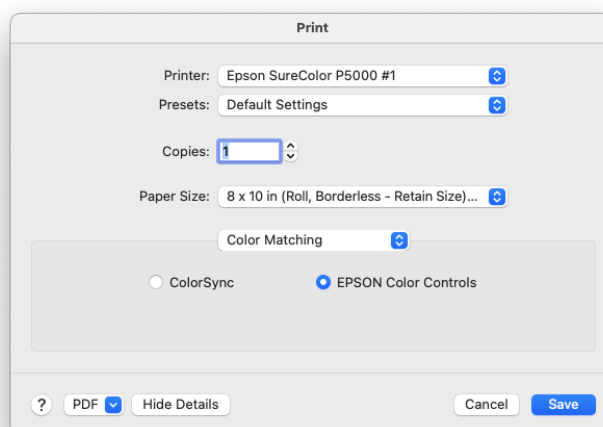


2 Choose the printer Use the Printer menu in the system print dialog. Select the printer you intend to use.

The system print dialog contains the printer, presets, and paper-size controls.



The classroom list includes three Epson 5000 printers and one Epson 9000.

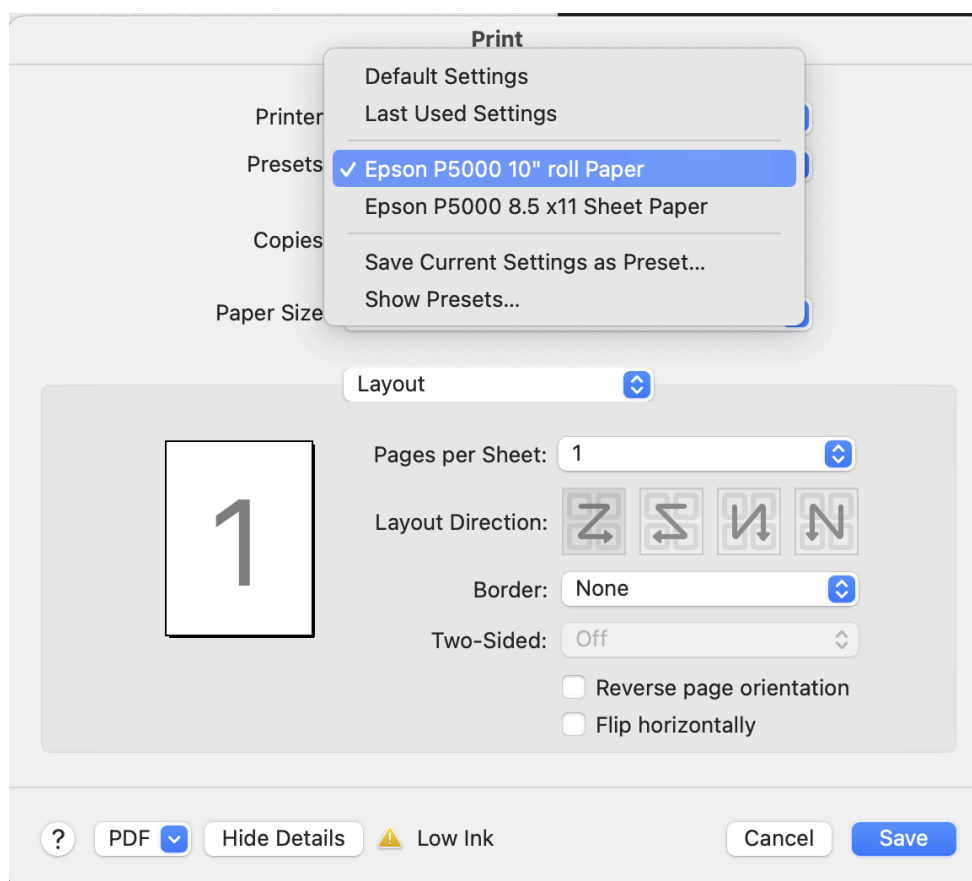


04

10 Inch Roll Paper. Use the roll paper preset

For a standard print on the classroom's 10-inch roll paper, choose the saved preset shown below. Your image cannot be larger than **9.5X8** for this preset to work.

Select the Epson P5000 preset for 10-inch roll paper, rather than the sheet-paper preset



3 Apply the preset Select the 10-inch roll-paper preset, then click Save to return to Print Driver.

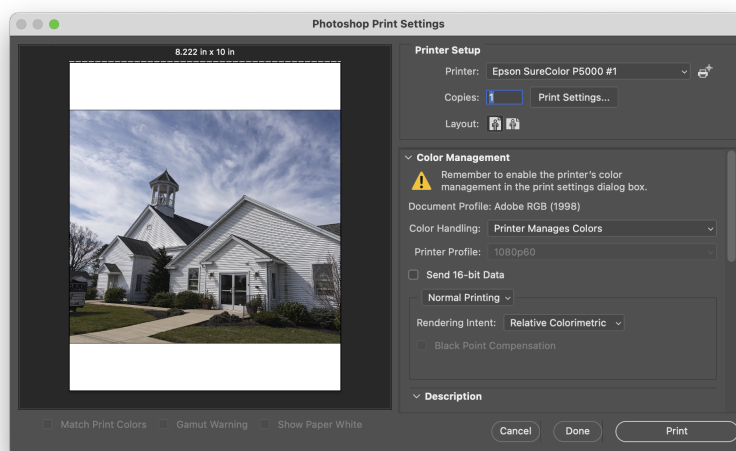
4 Set Color Handling In Photoshop Print Settings, choose **Printer Manages Color**.

5 Check the layout Use the **Portrait or Landscape icons** next to Layout. Compare your preview with the examples on the next page before printing.

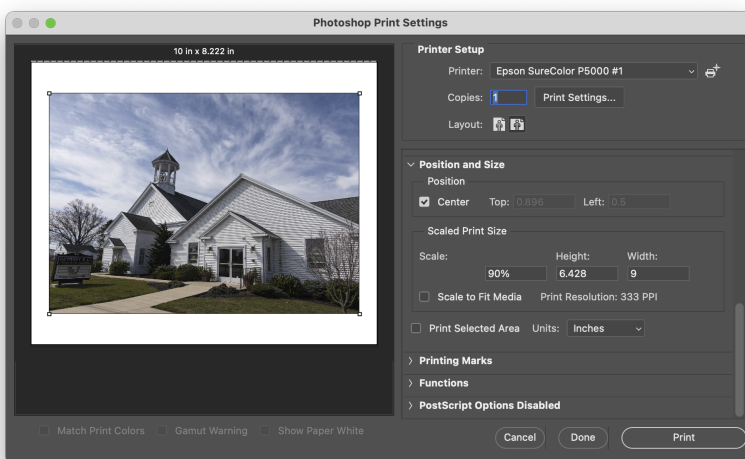
05

Check orientation and borders

01 Incorrect orientation A landscape photograph is placed on a portrait page.

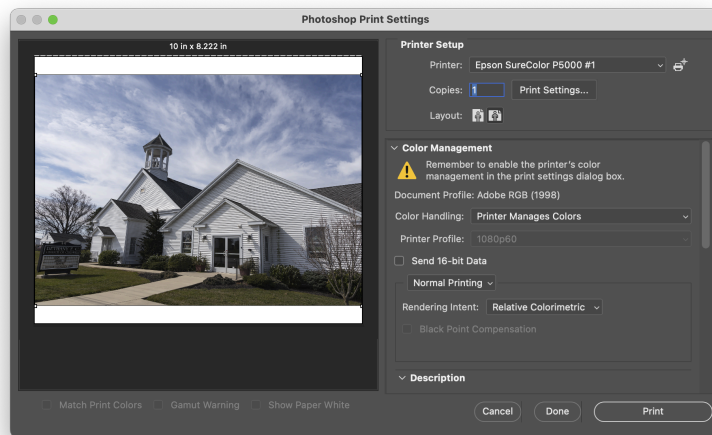


02 Correct orientation The landscape layout fits the photograph and leaves a paper border.



03 Avoid full bleed The image extends to the left and right edges. In this classroom workflow, avoid full bleed to prevent wasted ink and dirty rollers.

Once the orientation, borders, and Printer Manages Color setting are correct, click Print.



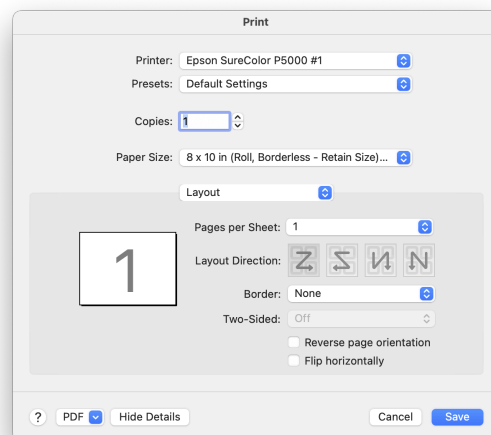
06

Create a custom paper size with 10 inch roll

Use a custom size for larger prints. Ask for help if you are unsure about the dimensions or orientation.

The 10-inch roll is fixed in width, but the length can be as long as the roll.. This example uses an image about **9.329 × 14 inches**. Rotate the layout as needed so the shorter side fits across the roll.

1 Size the image Prepare the image in Photoshop, then open Print Settings.

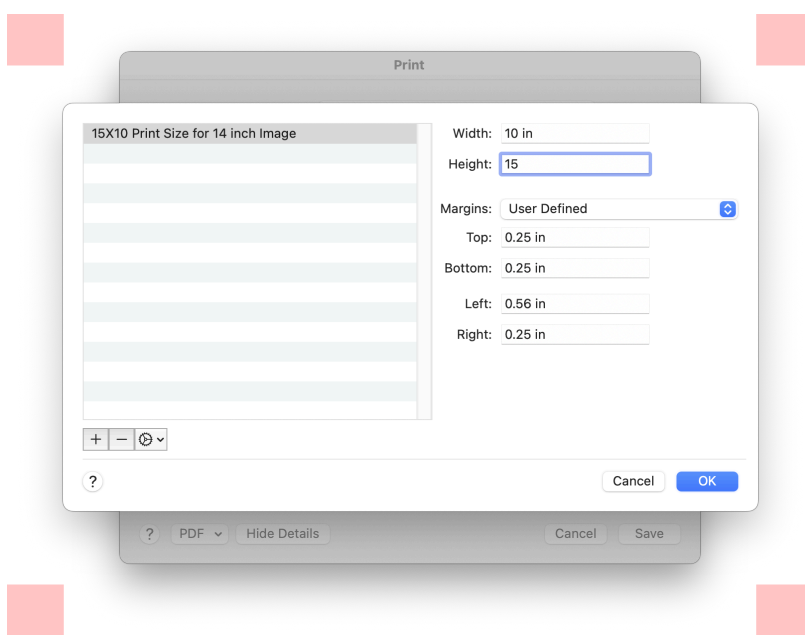


Open the Paper Size menu and choose Manage Custom Sizes.

2 Add a custom size Click the + button. The width is always the size of the roll paper. In this case 10 inches. The height is an inch or two longer than your prints longest dimension.

In this case our print is 9.329 × 14 inches, so we will make the height **15 or 16 inches**.

Click OK



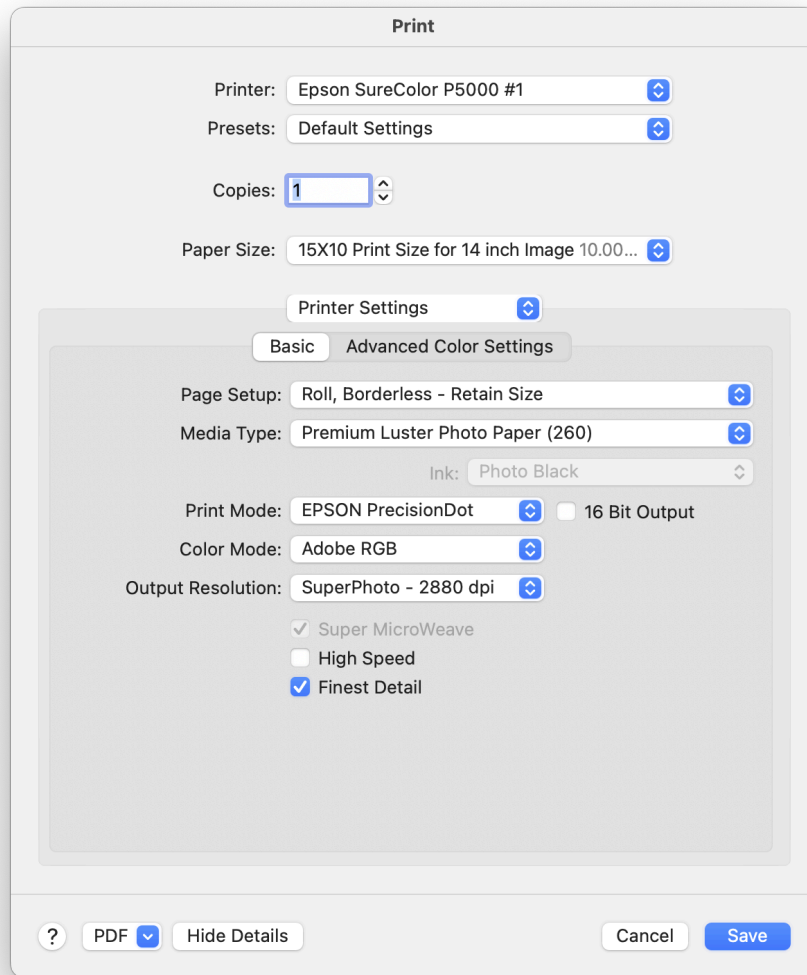
The supplied example shows a 10 × 15-inch page with 0.25-inch top, bottom, and right margins and a 0.56-inch left margin.

08

Set up a color print

Use the following printer settings for the **Premium Luster roll-paper** workflow shown in the original guide.

These are not the default settings. If using sheet paper you would select the correct **paper size** for sheet. The settings for sheet paper below would be the same except next to **Page Setup** it would say sheet fed.



Open Printer Options > Printer Settings to set media, color mode, and output quality.

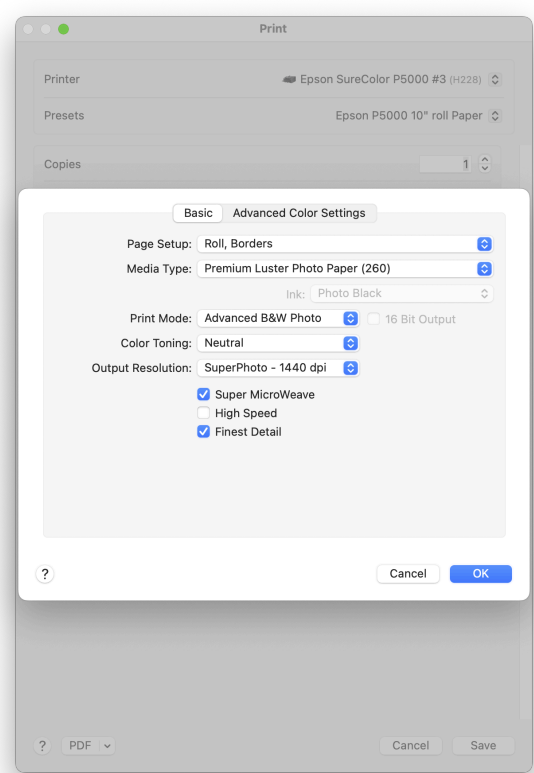
CONTROL	SETTING
Page Setup	Roll Borderless – Retain Size
Media Type	Premium Luster Photo Paper
Print Mode	Epson Precision Dot
Color Mode	Adobe RGB
Output Resolution	SuperPhoto – 2880
High Speed	Unchecked
Finest Detail	Checked

Click Save. Back in Photoshop, confirm Printer Manages Color and check the preview before clicking Print. Although the driver setting includes “Borderless,” keep a border around the image as shown on page 6.

Print in black and white

Follow the same image-size and paper-size workflow, then change these options in **Printer Settings** for black-and-white output.

- 1 **Change Print Mode** Select Advanced B&W Photo.
- 2 **Change Color Toning** Set Color Toning to Neutral.



CONTROL	SETTING
Page Setup	Roll Borderless – Retain Size
Media Type	Premium Luster Photo Paper
Print Mode	Advanced B&W Photo
Color Toning	Neutral
Output Resolution	SuperPhoto – 2880 or SuperPhoto 1440
High Speed	Always Unchecked
Finest Detail	Always Checked, You can check Super Microweave for 1440

Before the final Print

Check printer, paper, size, orientation, visible borders. If any setting looks unfamiliar, ask your instructor before sending the job. **Click Print, and you are done.**

