

## On Your Mark, Print! Pat Pauly Teaches Virtually

*Some notes on taking a printing class with computer interface.*

[www.patpauly.com](http://www.patpauly.com)

[www.piecesandresistance.blogspot.com](http://www.piecesandresistance.blogspot.com)

Questions? email [PatPaulyArt@gmail.com](mailto:PatPaulyArt@gmail.com)

Level: Intermediate / advanced. Knowledge of dye mixing and processing is needed for this class.

Materials: dyes, chemicals and supplies are obtained by the student

### **About the Workshop** On Your Mark, Print!

Join Pat Pauly for this five-day live Zoom-based workshop where we work in real time throughout the week. Take a favorite mark and use that motif in various print methods from direct dyeing and dye painting to layering print techniques wet and dry. We'll create variety of fabrics that relate, contrast, and become the center of attention in a piece. Starting with a notebook of linear designs and shapes, we'll center on how to use a mark and define that motif simply and dramatically. Experiment with underlying color for a background, applying a printed texture to the fabric, and adding a graphic element through the use of silkscreen, monoprint, and stencils. Using thickened dye as our medium, we'll add color and pattern, repetition and scale to design a fabric that will result in cloth that has layers of images, bold, beautiful, and one-of-a-kind. This class will leave you with a notebook of real experiences that use the surface design printing tools, and you'll know well how to Make Your Mark!

### **About Pat Pauly**

A sought-after lecturer and teacher in contemporary fiber arts, Pat Pauly shares her wealth of knowledge from decades of working in design. Recognized nationally and internationally, her work evokes natural forms that are bold and graphic. Her award-winning art quilts have been featured in numerous publications and exhibitions. Her workshops focus on design and technique, as well as when to apply the rules, and when to toss them out. Pat Pauly's studio is in Rochester, New York.

### **About the Virtual Print Class**

Virtual can be almost as good as reality! Ok, now for some particulars. I offer a platform that will give participants both instruction and critique in REAL TIME so that it feels like we are working together and learning from each other and not in a vacuum. It will be as close to the typical way I teach as I can make it. I'll be in YOUR studio and you will be in MINE.

The Zoom platform will be used for this class:

- You do not need to have a paid Zoom account to be a participant.
- You will need to download the Zoom application before class starts and test your microphone and video. See <https://zoom.us/download>
- I will send the Zoom link via email before the first day of class.

The class structure:

- My role is to act as a guide and moderator. We start with demos, introduce the goals for the class, and then begin exercises.
- I will allow individual working time, and be available live throughout the day's session just as I would in an in-person class.
- During this time, I'll work with participants on their progress, answer questions, and be able to share screens or look at design walls.
- Interspersed throughout, we will come back together for a demo or group discussion, so that we can focus on technique or design.

Setting up the workspace for this virtual class:

- See the materials list below
- Ahead of the class, arrange your workspace so that you can view your computer while working. Make sure your design space is visible on video for shared critiques, etc. See what WE SEE by using your computer's camera feature to see if your work table and wall are visible.
- Have a chair or stool to sit while we take work breaks for demos or critiques.
- PLEASE test your computer connection and audio/video equipment prior to class to iron out (pun intended!) any kinks. We want to hit the ground running!

### Materials List

- Old clothes to wear, apron, rubber gloves
- Mask (preferably N95 or respirator-type)
- Print Table: make your print surface as large as you can. Mine covers a full yard of fabric and room left over for mixing dyes and having dyes and thickener nearby. Cover your counter height (36") table with white plastic. Alternatively, you can use clear 6ml plastic with a white batting underneath.
- Old towels, cut apart to washcloth size.
- Sink or bucket
- Optional: old sheet of Plexiglas (look for used) – almost as large as a yard of fabric for monoprinting. You can also use “fun foam” from a craft store.
- Large and small foam (not nappy) rollers (the type used to paint walls)
- 3 wide plastic putty knives, or my favorite – Bondo brand spreaders, used for spreading “bondo” auto resin body filler, are found in the paint department of Home Depot or Lowes
- About eight spatulas, or tall wooden spoons – for stirring the dye (need long handles)
- Roll of Duct tape for taping silkscreens, Roll of blue masking tape
- Optional but very handy : 1-2 yards worth of Tyvek – can be in pieces
- Two sharpie markers
- 1 foam brushes 3-4” wide
- 6-10 yogurt or plastic food containers (quart size is best)
- 1 – 2 squirt bottles (like ketchup bottles)
- 6-10 sheets of newspaper
- hot melt glue, glue gun, cardboard, foam sheets used for crafting “fun foam”
- Scissors to cut cloth and non-cloth
- Notebook, pencil/pen, camera/phone camera
- **Things for printing:** Stencils, cutouts, a few yards of clothesline or other rope/string, pool noodle. Don't buy anything, just look for objects that are slightly raised surface. One of my favorites is a plastic place mat!
- **Silk screens:** (2-4) 18” X 24” or 16” x 20” or similar (order from Dick Blick <http://www.dickblick.com/products/blick-cord-stretched-frame-with-110-monofilament-polyester-mesh/>)
- *Optional:* Soy wax (about 2 or more lbs) and electric skillet to melt wax
- **Fabric: 15 yards minimum**, cut in ½ and 1 yard pieces of PFD 100% cotton, I use Test Fabrics #419 or #400M. (Call for prices and availability at [testfabrics.com](http://testfabrics.com).) You can also use predyed fabrics, and commercial prints. Just make sure that they are 100% cotton, and prewashed to remove the finishing materials added to the fabric. There is no guarantee that the commercially printed fabric will accept the printing like PFD. You can also soda soak other cotton, linen, lightweight canvas, predyed cottons for experimentation.

- **Chemicals (I use Pro Chemical and Dye for my supplies, try also Dharma )**
  - Procion Dyes or MX dyes for cotton or natural fibers. choose from what you have available, or order. For a week class, you might use 8 oz. of each color. I use two reds, two blues, two yellows plus black and chartreuse. I use Pro Chemical and Dye's mixing red, fuchsia, sun yellow, golden yellow, mixing blue, turquoise, black, and chartreuse.
  - Synthrapol to wash out, need about 8oz
  - 5 lbs. Pro Chemical and Dye "Pro Print Paste SH"
  - Soda Ash 1 to 2 lbs

### Before Class

- **Watch the videos on my blog** ([www.piecesandresistance.blogspot.com](http://www.piecesandresistance.blogspot.com)) for soda soaking, mixing/measuring dyes, printing. At the bottom of the blog search for "video" and the videos should come up
- **To mix dyes and thickener:** Wear your mask for this process. Mix the dyes in solution just before the class – night before or that morning. It may take about a half hour to hour. Here are quantities:
  - For light colors, in a quart container mix ¼ cup of water with about 1/3 to ¼ cup dye powder. For darker colors, mix ¼ cup water to ¼ to ½ cup dye powder. Stir, let dissolve.
  - Mix in a gallon container a scant gallon of warm water to 3 ½ cups of Pro Print Paste SH from Pro Chemical and Dye. Stir for a few minutes, and in about 15 minutes it will be a consistency between honey (too thin) and peanut butter (too thick).
  - To each quart container of dye add thickener to make between ½ to ¾ full quart. Stir carefully.
  - Try to keep any residue of soda ash away from these mixes. Very important!
  - If you are not able to purchase from the US outlets, email me for info on non-US sources.
- **Prepare fabric for printing by soda soaking.** Step one is optional.
  - **Optional** -- Add a tag if you want to record the process that you use. Sew a Tyvek label on the corner. But this has to be **sewn on BEFORE SODA SOAKING. You would not want to sew through soda-soaked fabric, as it will damage your sewing machine. Do not pin or staple.** Tyvek is a plastic type of mailing material, also used for house wrap in building construction. These tags should hang off one corner, can be larger than 2" x 4" , but not smaller.
  - **Soda Soak** Make ahead of class, soda soak your fabric. In a large bucket add two-gallons water to two cups sodium carbonate (soda ash), add fabric (about 2-3 yards at a time) loosely to this solution and soak 15 minutes or more. Ring out, hang on a line to dry, **do not dry in dryer.** One great tip: after fabric has soaked, place in a sink (or bathtub) to drain a while or overnight, then hand on line to dry. No drip!
  - You can make the soda-soaked fabric way ahead of time. I've stored cotton for a year to wait to use it. So, do a few at a time, not in the washing machine, just in the bucket, drain, hang, store. *Note: drying in dryer may cause a fire.*
  - **Note: I purchase my soda ash from pool supply places. I make sure it states "100% soda ash" on the label.**
- **Graphic Notes**

Keep a notebook ahead of class of simple forms, shapes, patterns and images that you want to use in your work. You need to have reference for the marks you will be using. Keep a Pinterest board, a box of images, or handful of sketches you can readily access to pull graphics. This is both for jumpstarting your prints, also for starting your OWN mark for a series of prints. Black paper and scissors are a great warmup for exploring the relationship of objects in the composition.



- 1) Directly below are two rollers (one foam, one not). Necessary is the smaller high density foam roller for printing. These are wall painting type.
- 2) Upper middle (in plastic baggies) is pro print paste, you'll need about 2 lbs. or more, and soy wax. In containers are dyes. Mine are from Pro Chemical and Dye
- 3) Bondo scrapers (flesh color, no handle) or other types. Lower left is long handle spoons. I like the white plastic best. Left hand side is a long wallpaper brush I use for monoprinting (optional)
- 4) Scrapers like large plastic putty knives.
- 5) Cover your table with two layers of padding like batting, top with white plastic or transparent plastic so that the surface is white.

Be on the lookout for more class information as well as the Zoom link ahead of class. Feel free to email me ([patpaulart@gmail.com](mailto:patpaulart@gmail.com)) with any questions. I look forward to our virtual meeting!