

OPEN STUDIO TECHNICAL MONOGRAPHS

Template and Submission Guidelines

Open Studio will be accepting technical monograph submissions on an ongoing basis. These Technical Monographs are not step-by-step instructional sheets for beginners in print media but rather advanced how-to's describing a new process, technique or particular way of working in print. It is the Education Committee's hope that all Technical Monographs submitted will take on a particular format and cohesive look, creating a database of useful information posted as PDF files on our website under the *Tech Info* button on the left side menu of the home page. To this end, please make sure all submitted monographs contain some or all of the following information, depending on the process or technique.

Title:

- ❖ List the title of the technique or process you are describing.
- ❖ If possible please be sure to credit the artist or printmaker who developed this particular way of working.

Preparing The Image:

- ❖ Give information on what type of image will work best and/or how to prepare the image.
- ❖ Give information on any specific materials that should or should not be used and reasons why.

Preparing the Plate/Matrix:

- ❖ Provide a description of how to prepare the printing matrix
- ❖ Give information on materials and steps required

Preparing the Paper:

- ❖ Assuming printing will be done on paper, please describe what works best and any particular steps to follow in preparation.

Printing the Image:

- ❖ Please explain any set-up required prior to printing.
- ❖ Please describe all of the equipment and materials required for the printing stage.

What Happens Next:

- ❖ This may not be an actual title or category in your monograph, however some techniques will have another step or stage so please make sure to include any extra information under an appropriate title.

Cleaning Up

- ❖ Give details here about how to clean up or save your work listing any specific equipment or materials required.

List of Supplies and Suppliers

- ❖ Please provide a list of all required supplies and any special equipment. Please research suppliers and provide phone and website information, giving preference to local or Canadian companies.

Technical monographs should also include 3 to 5 images helping to provide specifics about materials and process. The resolution of your images should be no higher than 72 pixels/inch and can be inserted at the appropriate points within the text or at the end of the monograph. These images should depict the materials and equipment required, crucial steps in the process and a view of the final results. Please use the following **Technical Monograph Template** for guidelines on formatting your Open Studio Technical Monographs. PDF files created using a design program (ie. Quark, In Design) should be saved as the "smallest file size which is best for web viewing". Only PDF or Word documents formatted to our specifications will be accepted.

Font throughout: Tahoma Margins: 0.6875 inches all sides

THE RELIEF SURFACE SCREENPRINT A PHOTO-BASED SCREENPRINTING TECHNIQUE DEVELOPED BY DENNIS O'NEIL

- 11pt
- 11pt

PREPARING THE IMAGE

- 11pt

Select a photographic image to work with that has good contrast with details in both the highlights and shadows. Scan the image and make any necessary changes to the contrast and image scale in Photoshop.

- Invert the image to a negative.
- Change to greyscale.
- Reduce the resolution to 150ppi.
- Apply a halftone dot.
- Print the image as film using a laser printer.



Final image. Dennis O'Neil, 2006

Image
Box stroke
weight: 1pt

- 11pt

PREPARING THE SCREEN

- 11pt

Coat screens with emulsion and allow time to dry completely.

- Expose the image to a screen.
- Expose an open field the same size as the image area (or slightly bigger if you'd like a border) to the same screen or a different screen depending on sizes.

- 11pt

PREPARING THE PAPER

- 11pt

It is suggested that Arches 88 paper be used for best results with this process. Arches 88 is a smooth mould made 100% rag water-leaf paper without any discernible tooth or texture.

- Measure and tear or cut the paper down to size.
- Punch paper or apply plastic tabs to the back of each sheet for pin and tab registration system.
- Register the open field screen to the paper, tape pins in place and print 2 to 3 coats of transparent base to seal each sheet. Allow for drying time.

- 11pt

PRINTING THE IMAGE

- 11pt

Register the image screen to the paper and tape pins in place. Print the image 10 to 15 times in absolute registration using transparent base. Allow drying time between layers. Do not break down the registration once printing has begun.

- 11pt

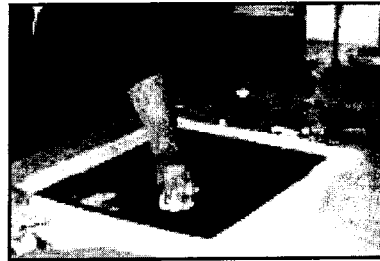
ADDING COLOUR TO THE PRINTED IMAGE

- 11pt

Mix oil paint with soft wax and apply with a wide spatula (4"-6"). Layer colours, add and remove while paint/wax mix is still wet. Metallic powdered pigments (mica powder) can be dusted over the image while the surface wax is still wet. Allow a few hours drying time then wipe to remove any excess.



Adding colour to the image. Dennis O'Neil, 2006



Wiping the dry image. Dennis O'Neil, 2006

Image box stroke weight = 1pt

LIST OF SUPPLIES AND SUPPLIERS ← Tahoma 11pt Bold, upper case

| | | | |
|---------------------------------------------------------------------------|--------------------------------|------------------------------------------------|---------------|
| • 11pt ARCHES 88 paper | Woolfitts | 416.536.7878 www.woolfitts.com | ← Tahoma 11pt |
| | Above Ground | 416.591.1601 www.abovegroundartsupplies.com | • 6pt |
| TW Screenprinting ink Water-based 4033 Flat Clear Base | TW Graphics, East Coast, US | 800.901.3051 www.twgraphics.com | • 11pt |
| SPEEDBALL Screenprinting ink Acrylic transparent base | Woolfitts | 416.536.7878 www.woolfitts.com | • 11pt |
| | Tern Art Supplies | 416.537.7338 | • 6pt |
| | Curry's | 416-260-2633 www.currys.com | • 6pt |
| | Above Ground | 416.591.1601 www.abovegroundartsupplies.com | • 6pt |
| | Open Studio | 416.504.8238 www.openstudio.on.ca | • 6pt |
| GAMBLIN Cold Wax Medium | GAMBLIN | 503.235.1945 www.gamblincolors.com | • 11pt |
| | Woolfitts | 416.536.7878 www.woolfitts.com | • 6pt |
| | Above Ground | 416.591.1601 www.abovegroundartsupplies.com | • 6pt |
| DORLAN's Cold Wax Medium | The Paint Spot | 800.363.0546 www.paintspot.ca | • 11pt |
| | Jacquard Products | 800.442.0455 www.jacquardproducts.com | • 6pt |
| Pearl Ex Pigments | DeSerres | 416.703.4748 www.deserres.ca | • 11pt |
| | The Paint Spot | 800.363.0546 www.paintspot.ca | • 6pt |
| Registration pins and tabs | Open Studio | 416.504.8238 www.openstudio.on.ca | • 11pt |
| Photo emulsion: any type suitable for use with water-based inks will work | | | • 11pt |
| Oil paints: any type will work | ← Tahoma 11pt. | | • 11pt |