

THE MIRROR

Reshaping & Lighting Film Emulsion

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Abstract

The Mirror: Reshaping & Lighting Film Emulsion

In this two day workshop, we will be exploring the anatomy of a film strip through a variety of physical and chemical phenomena that will reshape, destroy and sculpt the film's emulsion. Techniques such as reticulation, bleach etching and mirror toning will all be covered and applied to previously processed strips of film, followed by their analysis and interpretation on an optical printer. Additionally, issues concerning both the aesthetic and practical application of these techniques will be addressed through discussions and film screenings, providing participants with a grounds for establishing a sound working method for each process.

Film stock, chemistry and found footage will all be provided for the workshop, but participants may also consider bringing in their own footage keeping in mind that this is essentially a course on destroying film...

Workshop Details

Number of Participants - 8

Requirements for participation - Previous experience with film processing is recommended, but not required.

Cost - 45.00 USD

Date & Time - Feb. 22nd & 23rd; 12:00 PM - 8:00 PM

Venue - 144 Moody Street, Bldg. 18, Waltham, MA. 02453

Instructors - Sarah Biagini & Kevin Rice

Press materials

Images for listings:

<http://processreversal.org/ftp/images/mirror/>

http://processreversal.org/blog/reshaping_film_emulsion/

Videos for listings:

<https://vimeo.com/63136404>

<http://vimeo.com/79354413>

Process Reversal logos:

<http://processreversal.org/ftp/logos/>

Facility and Equipment Requisites

Below is a list of equipment recommended for this workshop. If some of the equipment cannot be provided, it may be possible for us provide that equipment or else find an alternative means to it's function.

The equipment list is broken into three separate spaces: one for lecturing, another for darkroom & process work, and the last for optical work.

Lecture Space

- Dry-erase board
- Digital projector
- 16mm projector
- Projection screen

Darkroom Space

- Sink
- Running water
- Hot plate capable of heating 2 liters of water to 110 C
- Processing tanks and reels
- Adequate safe lights
- Scale with 0.1 g resolution or better*
- Medium sized processing trays

Optical Printing Space

- 2 Optical printers (OXBERRY and / or JK and / or handmade optical printer)
- 2 C-Stands
- 2 Gobo arms
- 2 Sand bags
- 2 half-silvered mirrors*
- 2 500 W Omni Lights or equivalent
- Various Gels and Filters (including ND 0.15-1.2, CTB, CTO)

*Can be provided by instructor...

Budget

All chemistry cost are based off of ArtCraft Chemical's catalog. Additionally, Sponsorship of the workshop may be secured from ArtCraft, reducing the cost of chemistry.

Bulk Chemistry

Sodium carbonate.....	4.95 USD
Glacial acetic acid (from Sarah).....	0.00 USD
Cupric chloride (from Sarah).....	3.75 USD
3% Hydrogen peroxide.....	2.00 USD
Oxidized developer (from Sarah).....	0.00 USD

Kit Chemistry

1 gal. Kodak Dektol (or other similar developer).....	5.69 USD
1 gal Kodak Hardening Fixer (or similar).....	5.09 USD

Film

200ft. Kodak 7363.....	23.00 USD
1,000 ft. Found footage.....	MKT

Travel Expenses

Travel expenses based on approx. cost of gas and estimates from JetBlue

Gas from Buffalo.....	125.00 USD /2 (for two workshops) = 62.50 USD
Plane from Denver.....	218.00 USD /2 (for two workshops) = 109.00 USD

Per Diem

Kevin's Per Diem Rate.....	10.00 USD/day * 5 days = 50.00 USD
Sarah's Per Diem Rate	10.00 USD/day * 5 days = 50.00 USD

Total Estimated Cost.....	315.98 USD
Approx. Cost per Participant.....	45.00 USD*

*Cost varies because total cost is split evenly over two workshops.

Frequently Asked Questions

Q: I've never worked with motion picture film before. Will that limit my experience?

A: No, experience with motion picture film is not necessary when participating in the workshop and we will try and accommodate as many questions you have possible before, during or after the workshop.

Q: I have some film I would like to bring into the workshop to work with. Is this okay?

A: Yes, but there are a few things you should keep in mind when bringing in film for this workshop. First off, because we will be limited on time, your film should already be processed. This will not affect your ability to work with any of the techniques presented in the workshop per say. Second, it is recommended that you avoid bringing in a film of particular value or significance as we cannot guarantee that it will not be damaged or ruined beyond a usable extent. This is, after all, a workshop on essentially destroying film — so the choice is entirely yours.

If you do decide to bring film, there are a few things you should keep in mind: first, while it is possible to exercise some of the techniques reviewed in this workshop on all varieties of film, the majority of the techniques work best specifically with an image formed of silver. What this means is that black and white film (which is typically formed solely of silver) will be the most versatile stock to bring, where as color stocks will be more limited (as they typically have the silver removed in processing). The only exception to this is in regards to color film that has been bleach-bypassed, a specific lab technique which retains the silver in the dense regions of the color emulsion; if the utilization of color film in this workshop is of particular interest to you, than email us to discuss the topic further — additionally, we will be discussing it in the workshop itself.

As for film guage (i.e. super-8mm, 16mm, 35mm, 70mm, etc), we will have equipment to deal with all shapes and sizes of celluloid, so this should not be of a concern...

Q: I would like to travel to attend the workshop, but I'm not certain if I can afford housing accommodations. Do you offer scholarship?

A: Unfortunately, we do not offer scholarship and because this workshop is taking place abroad, we do not have a pool of volunteers to draw from to help with accommodations. Our best suggestion would be to look into [couch surfing](#).

Q: I missed the opportunity to attend this workshop. Will you be running it again?

A: If the demand exist, absolutely. Send us an email or [message](#) requesting it.