

NEW WORKSHOP at M&R's Miami Location!

SCREEN PRINTING ESSENTIALS



A TWO-DAY COURSE
in **Basic Screen Printing**
at M&R's Branch Office in
Miami, Florida

Feb 16-17, 2018
9:00 a.m. to 4:00 p.m.

Offering small-shop and new automatic press owners a solid understanding of basic screen printing techniques and practices

The course will cover:

Artwork Preparation
Screen Registration
Screen Making
Screen Cleaning
Manual Printing
Automatic Printing
Garment Curing
Shop Layout

(See page 2 for details on course topics)

This hands-on course will be held
Friday and Saturday, Feb 16 and 17
at **9107 N.W. 105 Circle, Miami, FL 33178**

The course fee is **\$299.00**

Lunch will be provided both days

For further information—or to reserve a seat—please email Andrea Bardenheuer at andrea.barden@mrprint.com

Seating is limited, so reserve your spot TODAY!



Training will be conducted by M&R's **Patrick Lashbrook**. He is a co-founder of Real Thread, which specialized in water-

base printing. Patrick subsequently joined M&R as a digital specialist, training customers on M&R's computer-to-screen (CTS) equipment. Later, he began training customers in the U.S. and Central America on basic and advanced screen printing techniques. Currently, Patrick is one of M&R's regional sales managers in the Southeast, and he continues to train customers in that region.



SCREEN PRINTING ESSENTIALS

Day One

CATEGORY	TOPIC
Artwork	Proper film output Choking underbase Registration marks and job information on film Keeping printing in mind when designing artwork
Tri Loc Registration	How it works What comes with the kit Lining up film correctly with a loupe (hands on) Burning screen in Tri-Loc master frame How to double check work before going to press
Screen Making	Mesh counts and different thread types, and understanding mesh guides Achieving proper tension Coating (hands on) and what EOM means for print Differences in emulsions (photopolymer/ dual cure) and what that means for exposure Differences between conventional and LED exposure Determining proper exposure time using an exposure calculator Washing out images What to look for to make sure you have a proper screen Taping and checking screens before moving them to the press
Screen Cleaning	Proper screen mesh preparation (hands on) Cleaning screens on press properly for successful reclamation Reclaim procedures and the critical importance of the worst job in the shop Drying screens properly to limit flaws Comparing dip tank, spray bottle, and automated screen cleaning

Day Two

CATEGORY	TOPIC
Manual Screen Printing (hands on)	Achieving proper off-contact Printing white ink on dark fabrics with one screen Flashing Push and pull technique Wet-on-wet printing Multi-color printing
Automatic Screen Printing (hands on)	Tri-Loc setup Variables for white base (speed, angle, pressure, durometer) T vs. S thread mesh for white base Laying ink on top of shirts Using M&R's HotHead to smooth out base Wet-on-wet printing on light and dark fabrics Sim process printing Ink choices for different substrates
Curing Garments	Correct temperatures for substrates and inks on electric dryers Wash test to insure proper cure Gas vs. electric dryers Dye migration: what it is and how to avoid it
Shop Layout	Workflow Keeping the dirty away from the clean Screen room basics