

WORKSHOP AGENDA

Joe Clarke Ink Transfer Workshop at Mind's Eye

July 29-30, 2016
1019 W Commerce Drive
Decatur, IN 46733

Thursday July 28, 2016

6 – 9 PM

Meet & greet networking at Mind's Eye Graphics, pizza & munchies. Put a name and a face together if you arrive early.

Friday July 29, 2016

8 AM

Registration check in with coffee, juice & breakfast snacks

9 AM

Ink Transfer

- Understanding Ink Rheology
- Difference between Shear Stress and Shear Rate
- What components impact ink transfer

12:00 PM

Lunch break - Catered by Manley Meats

1:00 PM

Mesh

- How the Geometry Impacts Ink Transfer
- Selecting the Optimum Count and Thread
- Responsibility of the mesh

Blades

- How the Blade Impacts Ink Transfer
- Matching the Blade's Edge to the Mesh
- Matching the Blade's Profile to the Ink
- Getting the Angle Right
- Responsibility of the Blade

Stencil

- How the Stencil Impacts Ink Transfer
- Why to Convert an Hourglass into a Funnel then a Tunnel
- How to Determine Stencil Thickness and Flatness on Both Sides
- Responsibility of the Stencil

Ink

- How the Ink Characteristics Impact Transfer
- Achieving Bridging, Matte-Down and Smoothness
- Understanding Viscosity, Tack, Momentum, Surface Tension and Surface Energy
- Responsibility of the Ink

5:00 PM

Mind's Eye Graphics World Famous Networking BBQ and BS Extravaganza

9:00 PM

Dismiss for day.

Saturday July 30, 2016

8:00 AM	Coffee, juice & breakfast snacks
9:00 AM	Press Set-Up <ul style="list-style-type: none">• Understanding a 9-Zone Test• On-Press set up and Demo of the 9-Zone Test• Responsibility of the 9-Zone
12:00 PM	Lunch break - Catered by Manley Meats
1:00 PM	Flash & Dryer <ul style="list-style-type: none">• Use of a Heat Gun and Donut Probe• Setting for Flash and Dryer• Impact of Incorrect Setting on Ink Finish and Durability• Testing for Flash and Cure
3:00 PM	Question & Answers Dismiss for day- Travel Safe

Joe & Greg

Joe's Notes for Ink Transfer Workshop at Mind's Eye.

This is not going to be math or science class, I will have done the math and science long before anyone arrives at MEG. To the contrary the session will be a how-to approach for constructing a "pump" in which the individual elements work together to transfer the main component-the ink. The principles [not theories] which we will explain and discuss are not *common knowledge* but they are *common sense* so each attendee can return to their garage, shop, plant or home planet and immediately implement the new-found approach.