Intro to Prepress Workshop

Location: Harris A. Smith Fishbowl

Day 1

9:00  Introduction and Print/Prepress Overview
      Printing overview and flexography, prepress terminology and review of first print job.

10:00 Flexo Press Setup
      Setup flexo stations on the press, set impression and measure color.

11:15 Print Initial Job and Analysis
      Regular, over-impressed and out-of-register.

12:00 Lunch

1:00  Color Primer
      Review color spaces (RGB, CMYK, Lab), visual color differences, $\Delta E$ and spectrophotometry.

2:00  Fingerprinting and Characterization
      Test targets and develop specifications.

2:30  Profile Generation and Evaluation
      Measure with X-Rite iO table, profile generation and evaluation, profile comparison and gamut check.

3:00  Break

3:15  Profiles for Proofing and Monitors
      Setting up a proofer and monitor calibration.

4:00  Color Separation
      UCR/GCR and converting with profiles, separation strategies and an example separations activity.

5:00  End of Day & Group Dinner.
Day 2

8:30  Color Separation (Continued)

9:15  Trapping
Strategies and parameters, methods (manual vs. automatic) and an example logo trapping activity.

10:00  Barcodes
Types of barcodes and parameters (BWR, magnifications, etc.).

10:15  Break

10:30  Designing in 3D
Reading duelings, bleed and no-print zones, and designing in 3D space.

12:00  Lunch

1:00  Begin Prepress on Job
Begin individual prepress work for final day run.

3:00  Break

3:15  Selected Topics
Explore topics selected by attendees: software, new tech, etc.

3:45  Complete Prepress on Job

5:00  End of Day

Day 3

8:30  Final File Preparation

9:15  Step and Repeat
Stepping methods, printer marks and create step-and-repeat for final job activity.

9:45  Screening and RIP
Screening, RIP parameters and setup, and RIP files for final job activity.

10:30  Break

10:45  Platemaking Basics
Plate structures, imaging, exposure and processing.

11:30  Plate Mounting
Mounting techniques and stickyback.

12:00 Lunch

1:00 Review Files and Proof
Recap of learning activities, analysis of prepared files and proof.

1:45 Print Final Job
Set up press and print final job (regular, over-impressed and out-of-register).

3:00 Review Print Job
Measurements, analyze print and discuss affects of prepress.

4:15 Open Lab and Q&A
Open lab time with various attendee-selected topics.

5:00 Evaluations and Adjourn