

INTERMEDIATE COLOR MANAGEMENT AND PROFILE CREATION WITH WORKFLOW BUILDING

Class Duration: 2 Days | Price: \$2499

This is a mid-level course geared toward specialized color management, improved ink usage, and workflow building.

TARGET AUDIENCE

- Customers looking to improve their color matching process
- Customers looking to automate processes
- Shops in need of specific color matching and consistency

GOALS OF PROGRAMS

- Achieve consistent colors with multiple medias and file types
- Build a workflow for matching colors consistently
- Improved ink utilization
- Achieve maximum speed while maintaining quality
- Acquire knowledge of the profiling process from beginning to end
- RIP training specific to color management

TOPIC OVERVIEW

DAY 1

- **Color Management Evaluation and Overview**
 - Evaluation of current RIP, Hardware, and Processes
 - Color Matching
 - Color Theory
 - Color Spaces and Gamut
 - Using Color Charts
 - Monitor Viewing vs. Printed Product
 - Variance on different file types and materials
 - What is an input profile vs output profile?
 - What are ICC profiles?
- **Workflow Evaluation and Overview**
 - Overview of best practices
 - Walkthrough of color matching process
- **File Creation and Preparation**
 - Input Profiles
 - Document Color Space
 - Building consistency with files that are being provided
- **Advanced RIP Automation and Workflow**
 - Using Swatches
 - Using Spot Color Charts
 - Understanding Color Replacements
 - Designing a best practices workflow
 - Using Quicksets
 - Custom Spot Color Tables
- **Optimizing Your Profile**
 - Minimizing Ink Usage vs. Maximizing Color Gamut
 - Recalibrating a profile to maintain accuracy
 - Calibrating Printer for Speed
 - Importance of Routine Maintenance



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DAY 2

- **Understanding Profiles**
 - What is a printer profile?
 - Do you need an ICC profile?
- **Profile Corrections**
 - Ink Levels
 - Saturation
 - Variations between Material types
- **Design Corrections**
 - File Improvements
 - Design Optimizations
 - Color Gamut Limitations
- **Step-by-Step Profiling Process**
 - Calibration of Printer
 - Quality & Resolution Settings
 - Ink limits
 - Saturation
 - Linearization
 - Curve Adjustments
 - How many swatches to use?
 - Advanced Profile Build Settings
 - Rendering Intents
 - Rip specific options explained
 - Black Generation – UCR vs. GRC
 - Relinearization