OFFSET TRAINING: 3 DAY COURSE SCHEDULE

(Note: All times are approximate. Sequence and content may vary.)

DAY 1
08:30  Registration and Coffee
09:00  Course Overview and Introductions
09:15  About G7 Expert, G7 Professional, and G7 Master Programs
09:30  Lecture: G7 Theory and Benefits
  • Includes overview of CIELab and ICC profiling
10:15  Break
10:30  Lecture: G7-Calibration Principles
  • Step-by-step details of G7 calibration methods
12:00  Lunch (1 Hour On-Site)
13:00  Lecture: G7-Calibration Principles (continued)
14:45  Break
15:00  Lab: Live Proofer Calibration and Verification
16:00  Lab: Make a Color-Managed G7 Proof
  • Create color-managed proof over a base soft G7 calibration.
17:00  Adjourn

DAY 2
08:30  Arrival and Coffee
08:45  Review of Day 1 - Q&A
09:15  Lecture: G7 and Color Management
  • Using G7 to enhance accuracy and efficiency of an ICC workflow.
10:30  Break
10:45  Live Demo: Calibrating and Profiling an Offset Press
  • Using various characterization targets and software. Compensating (if necessary) for paper color variations, measuring anomalies, etc.
11:45  Live Demo: Simulating GRACoL
  • (or other RPC) Converting files from GRACoL (or SWOP) to a custom digital press profile in RIP or Photoshop. Deciding the appropriate rendering intent, etc.
12:00  Lunch (1 Hour On-Site)
13:00  Live Demo: Verifying Press or Proof Accuracy
  • Measuring the color-managed P2P and IT8.7/4 targets. Numeric comparison in various software.
14:15  Break
14:30  Lecture: G7 Compliance Levels
15:00  Lecture: Press Calibration and G7 Press Control
   • Focused on offset but applicable to all printing methods. Includes calculating custom target CIELab values for actual stock color by SCCA method.

16:00  Lecture / Discussion: G7 Quality Control (Press & Proof)
   • Using G7 in daily production. Printing to numbers vs. printing to the proof. Analyzing proof / press accuracy with IT8.7/4, P2P and ISO 12647-7 targets. Tolerances and process control discussion.

17:00  Adjourn

DAY 3

08:30  Arrival and Coffee

08:45  Review of Day 2 - Q&A

09:15  Lecture: Manual Graph Paper Method
   • Calculating G7 curves by the legacy graph paper method – (PowerPoint slides, not a live demonstration).

10:30  Break

10:45  Lecture / Demo: G7 in the Pre-Press Workflow
   • Integrating G7 and color management in a complete workflow – Photoshop settings – handling incoming files – accurate soft proofing setup, etc.

11:30  Discussion: Being a G7 Expert or G7 Professional
   • How can G7 best support your business model? Does G7 offer any potential quality or cost advantages to you and/or your clients? How would you take G7 to the field? The G7 Master application process.

12:00  Lunch

13:00  Managing Expectations
   • Real world printing variations. Customer education. Horror stories from the trenches. Understanding G7’s capabilities and limitations.

14:00  Review All Materials
   • In preparation for web-based G7 Expert/Professional Examination

15:00  Final Adjourn