Idealliance.
G7 Expert & Professional Certification

G7 OFFSET & FLEXO TRAINING
2 DAY COURSE SCHEDULE

idealliance.org/G7

DAY 1

Course Overview & Introductions

About G7 Expert, G7 Professional, & G7 Master Programs

Lecture: G7 Theory and Benefits
Includes overview of CIELab and ICC profiling

Lecture: G7-Calibration Principles
Step-by-step details of G7 calibration methods

Lab: Live Proofer Calibration & Verification

Lab: Make a Color-Managed G7 Proof
Create color-managed proof over a base soft G7 calibration.

Lecture: G7 & Color Management
Using G7 to enhance accuracy and efficiency of an ICC workflow.

Lecture: G7 Compliance

Live Demo: Calibrating & Profiling a Press
Using various characterization targets and software. Compensating (if necessary) for paper color variations, measuring anomalies, etc.

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.

DAY 2

Review of Day 1 - Q&A

Live Demo: Simulating GRACoL
Converting files from GRACoL (or other CRPC) to a custom flexo press profile in RIP or Photoshop. Deciding the appropriate rendering intent, etc.

Live Demo: Verifying Press or Proof Accuracy
Measuring the color-managed P2P and IT8.7/4 targets. Numeric comparison in various software.

Lecture: Press Calibration & G7 Press Control
On press, applicable to all printing methods. Includes calculating custom target CIELab values for actual stock color by SCCA method.

Lecture/Discussion: G7 Quality Control
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.

Discussion: Being a G7 Expert
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.

Review All Materials
In preparation for web-based G7 Expert/ Professional Examination

Note: Schedule is approximate, sequence and content may vary.