Idealliance.
G7 Expert & Professional Certification

G7 OFFSET TRAINING
3 DAY COURSE SCHEDULE

idealliance.org/G7

DAY 1

08:30 Registration & Coffee

09:00 Course Overview & Introductions

09:15 About G7 Expert, G7 Professional, & 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 & 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 & 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 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

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

14:30 Lecture: G7 Compliance

15:00 Lecture: Press Calibration & 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