Idealliance
G7 Expert & Professional Certification

G7 TRAINING @ PRINTING United
3 DAY COURSE SCHEDULE

idealliance.org/G7

DAY 1

12:00 Course Overview & Introductions

12:15 About G7 Expert, G7 Professional, & G7 Master Programs

12:30 Lecture: G7 Theory and Benefits

Includes overview of CIELab and ICC profiling

1:15 Break

1:30 Lecture: G7-Calibration Principles
Step-by-step details of G7 calibration methods

2:45 Break

3:00 Proofer Calibration & Verification

4:00 Managing Expectations
Real world printing variations. Customer education. Horror stories from the trenches. Understanding G7's capabilities and limitations.

5:00 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 a Digital 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)

1:00 Live Demo: Verifying Press or Proof Accuracy
Measuring the color-managed P2P and IT8.7/4 targets. Numeric comparison in various software.

2:15 Break

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

2:30 Lecture: G7 Compliance

3:00 Lecture: Press Calibration & G7 Press Control
Focused on digital but applicable to all printing methods. Includes calculating custom target CIELab values for actual stock color by SCCA method.

4:00 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.

5:00 Adjourn

DAY 3

08:30 Arrival and Coffee

08:45 Review of Day 2 - Q&A

9:30 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.

10:30 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.

11:00 Review All Materials
In preparation for web-based G7 Expert/ Professional Examination

12:00 Final Adjourn