Idealliance.
G7 Expert Certification

G7

G7 TRAINING at PRINTING UNITED EXPO
3 DAY COURSE SCHEDULE

G7 EXPERT CERTIFIED

idealliance.org/G7

DAY 1 - October 17

12:00pm   Registration & Refreshments

12:30pm   Course Overview & Introductions

12:45pm About G7 Expert, G7 Professional, & G7 Master Programs

1:00pm Lecture: G7 Theory and Benefits
>   Includes overview of CIELab and ICC profiling

2:15pm Break

2:30pm   Lecture: G7-Calibration Principles
>   Step-by-step details of G7 calibration methods

4:00 Lab: Live Proofer Calibration and Verification including how to make a color-managed G7 proof

>   **Proof**
>   Create color-managed proof over a base soft G7 calibration.

5:00 Adjourn

DAY 2 - October 18

08:00am Arrival & Review of Day 1 - Q&A

09:00am Lecture: G7 and Color Management
>   Using G7 to enhance accuracy and efficiency of an ICC workflow.

10:00am 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.

11:00am LIVE DEMO: Calibrating & Profiling a Digital Press – BREAKOUT
>   Using various characterization targets   and software. Compensating (if necessary) for paper color variations, measuring anomalies, etc.

12:00pm Lunch (1 Hour On-Site)

1:00pm LIVE DEMO: Verifying Press or Proof Accuracy – BREAKOUT
>   Measuring the color-managed P2P and IT8.7/5 targets during live press and proof production. Comparing and analyzing results.

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

G7

2:00pm LIVE DEMO: Press Calibration & G7 Press Control - BREAKOUT

Live print production featuring offset, digital, wide format, and textile printing methods. Includes calculating custom target CIELab values for actual stock color by SCCA method.

3:00pm Lecture: G7 Compliance

4:00pm 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.

5:00pm Adjourn

DAY 3 - October 19

08:00am Arrival and Breakfast

08:45am Review of Day 2 - Q&A

09:15 Lecture: Implementing G7

Calculating G7 curves using workflow solutions for your print production (PowerPoint slides, not a live demonstration).

10:30am Break

10:45am 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.

11:30am Discussion: Being a G7 Expert & Review

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 & preparation for the web-based G7 Expert Examination

12:00pm Final Adjourn

VIP Access to PRINTING United Expo Included
Optional

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EXPO • Oct. 18-20, 2023 • Atlanta, GA
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