
G7 EXPERT TRAINING

3 DAY COURSE SCHEDULE



DAY 1

- 8:30a Registration & Coffee**
- 9:00 Course Overview & Introductions**
- 9:15 About G7 Expert and G7 Master Programs**
- 9:30 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
- 12:00p Lunch (1 Hour On-Site)**
- 1:00 Lecture: G7 Calibration Principles (continued)**
- 2:45 Break**
- 3:00 Lab: Live Proofer Calibration and Verification**
- 4:00 Lab: Make a Color-Managed G7 Proof**
Create color-managed proof over a base soft G7 calibration.
- 5:00 Adjourn**

DAY 2

- 8:30a Arrival & Coffee**
- 8:45 Review of Day 1 — Q & A**
- 9:15 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 Production Inkjet Output Device**
Using various characterization targets and software. Compensating (if necessary) for paper color variations, measuring anomalies, etc.
- 11:45 Live Demo: Simulating GRACoL (or other CRPC) Converting files from GRACoL (or SWOP) to a custom profile in RIP or Photoshop.**
Deciding the appropriate rendering intent, etc.
- 12:00p 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**

DAY 3

2:30 Lecture: G7 Compliance

3:00 Lecture: Press Calibration and G7 Press Control

Applicable to all printing methods (Offset, Flexo, Digital, Wide Format). 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

8:30a Arrival and Coffee

8:45 Review of Day 2 — Q&A

9:15 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

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.

12:00p Lunch

1:00 Managing Expectations

Real world printing variations. Customer education. Horror stories from the trenches. Understanding G7's capabilities and limitations.

2:00 Review All Materials

In preparation for web-based G7 Expert Examination

3:00 Final Adjourn