



DIGITAL TRAINING: 3 DAY COURSE SCHEDULE



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

DAY 1

- 08:30 Registration and Coffee**
- 09:00 Course Overview and Introductions**
- 09:15 About G7 Expert, G7 Professional, and G7 Master Programs**
- 09:30 Lecture: G7 Theory and Benefits**
- Includes overview of CIE Lab 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 and 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 and 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)
- 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**
- 14:30 Lecture: G7 Compliance Levels**



15:00 Lecture: Press Calibration and 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.

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

