
G7® Expert *LIVE!* Online

5 DAY COURSE SCHEDULE

Four Hour Sessions



idealliance.org/G7

DAY 1 (8:00 AM - 12:00 PM Eastern Time)

- Kickoff - Student, Instructor, and Course Introduction
- Idealliance Overview - G7® Value
- LAB Color Space Overview
- G7® Principles - Gray Balance & Tonality
- G7® Target Conditions ISO/PAS 15339, GRACoL, SWOP

DAY 2 (8:00 AM - 12:00 PM Eastern Time)

- Live Stream G7® Print Run
- Preparation & Inspection Procedures
- Linearization & Calibration Procedures
- Create & Apply 1-D Curves

DAY 3 (8:00 AM - 12:00 PM Eastern Time)

- Making ICC Media Profiles
- G7® Procedures in Adobe CC and PDF/X
- G7® Workflow - RIPs, DFE's, and Color Servers

DAY 4 (8:00 AM - 12:00 PM Eastern Time)

- G7® Press Run Simulation Linear to Calibrated
- G7® Process Control & Quality Assurance
- Fundamentals of Presses and Print Conditions

DAY 5 (8:00 AM - 12:00 PM Eastern Time)

- G7® Master Qualification Preparation & Submission
- Course Content Review - Q/A - Discussion
- Test Exam
- Test Retake and Review

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

Course Curriculum

Description

This immersive interactive course instructs students on how to analyze, target, and align print-related CMYK color reproduction workflows to G7® gray balance and tonality specifications and tolerances to meet brand, buyer, and supplier expectations in a global supply chain. Students will also learn the added value of spot color handling, spot color tone value (SCTV) calibration, alignment, and expectations. Using a combination of self-paced hands-on exercises and certified G7® Expert Trainer led lectures and demonstrations, students will apply these skills under expert supervision and one-on-one coaching.

Intended Audience

- Printer, press, and prepress/premedia operators, service engineers, trainers, or solution architects
- Graphic designers, brand managers, or packaging engineers
- Quality assurance personnel, process engineers, or Lean professionals

Course Objectives

- Articulate the value, principles, and practical application of G7® calibration and target conditions
- Apply G7® calibration methods for proof and press alignment to G7® specifications and tolerances
- Inspect and validate print solutions meet G7® Master Qualification submission requirements for a print service provider
- Implement process control and quality assurance procedures
- Prepare, audit, assess, and set expectations for print service providers who require G7® Master Facility Qualification

Prerequisites

Attendees should complete course prerequisites before on-site classroom or on-line instructor led course. This is not mandatory because some students may have a high level of skill and experience.

- CMP Fundamentals Certification Course (Included with registration)
- Module Exercises with Instructional Videos (Included with registration)
- Temporary trail version of G7® Certified Solution for course use only (included with registration)

Delivery Method

This course uses a combination of lectures and hands-on exercises

Hands-on Activity

This course allows you to apply new skills and knowledge through practical exercises using measuring devices, printed G7® test forms, software, and solutions