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