### Approximate Schedule

#### DAY 1

08:30  |  Registration and Coffee
09:00  |  Course Overview and Introductions
09:15  |  About G7 Expert, G7 Professional and G7 Masters Program
09:30  |  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
12:00  |  Lunch (1 Hour On-Site)
13:00  |  Lecture: G7-Calibration Principles (continued)
14:00  |  Lab: Live Proofer Calibration
14:45  |  Break
15:00  |  Lab: Verifying Proofer Calibration
       |  Measure new P2P and compare to ideal curve
15:30  |  Lab: Make & Check Color-Managed G7 Proof
       |  Create color-managed proof and compare to G7-based reference print condition data. If necessary, adjust reference condition data by paper-white simulation to match actual stock from tomorrow's run.
16:30  |  Demo: Make “Uncalibrated” Plates & Record Values
17:00  |  Adjourn

#### DAY 2

08:45  |  Arrival and Coffee
09:00  |  Review of Day 1 - Q&A
09:15  |  Lecture: Press G7 Calibration and G7 Press Control
       |  Includes calculating custom target CIELab values for actual stock color by paper-white simulation method.
10:30  |  Break
10:45  |  Live Demo: Press Calibration Run
       |  Run to solid CIELab values - check evenness - run enough copies until process is stable and record ink key settings, etc.
11:45  |  Lab: Measure Press Sheets, Calculate Correction Curves by software, Make New Calibrated Plates
       |  Measure P2P targets - apply to printing process (e.g. make new plates) - check for expected dot changes - if OK send to press.
12:30  Working Lunch (1/2 Hour On-Site)

13:00  Live Demo: Qualification Production Press Run
Run to same solid ink values - check HR, SC, and gray balance - compare to proof - optimize match to proof with small press moves - run several hundred sheets.

14:00  Demo: Verify Second Press Run For G7 Calibration
Measure P2P target and compare in G7 verification software. Compare press sheet to proof in D50 viewing booth.

14:30  Break

14:45  Discussion: Press Run Review
Did “printing to the G7 numbers” bring the press close to the proof? What was hardest about both runs? What could be done differently next time?

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

08:45  Arrival and Coffee

09:00  Review of Day 2 - Q&A

09:30  Lecture: Manual Graph Paper method
Calculating G7 curves by the legacy graph paper method – (PowerPoint slides, not a live demonstration).

10:15  Break

10:30  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.

12:00  Lunch

13:00  Discussion: Managing Expectations

14:00  Review all Materials
In preparation for web-based G7 Expert/Professional Examination.

15:00  Final Adjourn