## G7 FLEXO TRAINING

### 3 DAY COURSE SCHEDULE

[idealliance.org/G7](https://idealliance.org/G7)

### DAY 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Registration &amp; Coffee</td>
</tr>
<tr>
<td>09:00</td>
<td>Course Overview &amp; Introductions</td>
</tr>
<tr>
<td>09:15</td>
<td>About G7 Expert, G7 Professional, &amp; G7 Master Programs</td>
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</tbody>
</table>
| 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) |
| 14:45 | 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>08:30</td>
<td>Arrival &amp; Coffee</td>
</tr>
<tr>
<td>08:45</td>
<td>Review of Day 1 - Q&amp;A</td>
</tr>
</tbody>
</table>
| 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 & Profiling a Flexo 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 flexo 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 |

Note: All times are approximate. Sequence and content may vary.
14:30 Lecture: G7 Compliance

15:00 Lecture: Press Calibration & G7 Press Control
Focused on flexo, 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

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**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

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

15:00 Final Adjourn