

Advanced Flexographic Printing Sessions


This four-day course in Comexi facilities covers the areas of interest that every printing manager needs to know to achieve good production and quality in flexographic printing jobs.

-  21-24 January 2025
in Comexi CTEC Spain facilities
-  Face-to-face sessions in English language

Addressed to experienced press operators and professionals responsible for the printing process who would like to understand, learn, become skilled and gain insights in flexography.

Accredited course by the University of Girona Foundation with a diploma.

 Register [here](#) to attend

 Program fee: 2.450 Euro(*).
Payment of the full amount is due prior to the start of the program.
Limited seats.

(*) Fee includes hotel accommodation for 4 nights, from Monday to Friday (Friday night not included), local transport, class materials, lunch and dinner each day.



Advanced Flexographic Printing Sessions Program

Tuesday 21

- 09:00 - 09:15** Welcome and course presentation
- 09:15 - 10:00** Comexi facilities tour
- 10:00 - 13:00** **Machine key elements: mechanical and electronics**
Machine key elements
Transmission system
Tension control
Automatic adjustment systems
Peripherals printing machines
- 13:00 - 14:00** Lunch
- 14:00 - 15:30** Workshop practicum. Reviewing key elements
- 15:30 - 17:00** Anilox, plate cylinder sleeves and adhesives

Wednesday 22

- 09:00 - 11:00** **Ink transfer and inking system**
Ink transfer systems
Closed chamber
Pressure regulation system
Blade types
Pumps
- 11:00 - 13:00** **Inks: Solvent base and water base**
Formulation base. Components of Flexographic inks
Characteristics. Influence of components
Control parameters
Solvent inks. Trends. Packaging and food contact
Practical comments: how to use water-based inks
- 13:00 - 14:00** Lunch
- 14:00 - 16:00** **Practical exercise:** Optimal work conditions for closed chamber and checking inking equipment.
- 16:00 - 17:00** **Materials for flexible packaging**

Thursday 23

09:00 - 11:00 **Prepress**

- New Flexo prepress technologies
- High definition Flexo solutions
- New screen plate systems
- Non-stop printing solutions.
- Extended colour gamut (ECG)

11:00 - 13:00 **Technical process development: color management**

- Key parameters of the printing process
- Color management
- Standardization test process (fingerprint)
- Calibration and characterization of devices

13:00 - 14:30 **Lunch**

14:30 - 16:00 **Workshop practicum. Color management.**

16:00 - 17:00 **Converting Rotogravure jobs to Flexo.**

Friday 24

09:00 - 11:00 **Productivity strategy**

11:00 - 11:45 **Quick changeover**

- Demonstration. Planning changes

11:45 - 13:00 **Flexo printing troubleshooting**

13:00 - 14:30 **Lunch**

14:30 - 16:00 **Flexo printing troubleshooting (continuation)**

16:00 - 16:30 **Round table. Q&A. Closing**

- Course evaluation and certificates of attendance



The information in this brochure is subject to modifications.

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