

# Advanced Flexographic Printing Sessions

Do you want to improve your flexo printing quality and productivity?


 **September 2022 the 27th till 30th**

 **Face-to-face sessions in English language**

Addressed to 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 27

- 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 - 14:30** Lunch
- 14:30 - 16:00** Workshop practicum. Reviewing key elements
- 16:00 - 17:30** Anilox, plate cylinder sleeves and adhesives

## Wednesday 28

- 09:00 - 11:00** **Ink transfer and inking system**  
Ink transfer systems  
Closed chamber  
Pressure regulation system  
Blade types  
Pumps
- 11:00 - 13:30** **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
- 13:30 - 15:00** Lunch
- 15:00 - 16:00** **Practical exercise:** Optimal work conditions for closed chamber and checking inking equipment.
- 16:00 - 17:00** **Materials for flexible packaging**

## Thursday 29

### 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 30

### 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 - 16:45 **Round table. Q&A.**

### 16:45 - 17:00 **Closing**

Course evaluation and certificates of attendance



The information in this brochure is subject to modifications.

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