

# Digital Decor Printing Beginner Course



Would you like to enter the world of digital decor printing? The beginner's course offers a comprehensive technical introduction to the subject. Learn the basics of digital printing technology specifically tailored to the decor industry. This technical basic course is perfect for newcomers and offers important insights into the details of digital printing in theory and practice!

## Course Details



### DDP Beginner course DDP-BE-2501E

Start: January 20<sup>th</sup>, 2025

End: January 24<sup>th</sup>, 2025



Santiago de Compostela, Spain



English

## End of the registration period

DDP-BE-2501E: December 9<sup>th</sup>, 2024

## Duration and total hours of training

- 4.5 days on-site course
- Approx. 30 hours of course content
- Additional practical exercises
- Places are limited to allow for an optimal learning environment in small groups

## Course price

- Euro **5.950** incl. food and drinks during course days, excl. diners and accommodation
- DIPA members get **20% discount**

## Description

The Digital Decor Printing Beginner Course is a 4.5-days professional training, which delivers basic knowledge for digital printing beginners in the decorative surface industry. Participants are going to learn from industry experts the basics about digital décor printing. The focus is on the whole production process of digital printing. Starting with creation of the digital image followed by the pre-press and color management process. Hands-on use of design software and repro software for data file management is also included.

Basic insights into the technology of digital printing machines and printing inks are given. To fulfill the whole picture the course offers more information about the possibilities of digital printing and printing material. Technical terms are explained in detail and also the context of the terms. 30 hours of training, in 4.5 days.

Take your first steps in the hands-on use of design and repro software. Join us to learn about the technical aspects of digital printing so you can make confident decisions and navigate the dynamic decorating landscape.

## What is the Target Audience?

The "Digital Decor Printing Beginner" course is aimed at employees who want to develop their skills and work in the digital surface decoration industry, as well as employees who are already working in the decor industry and want to build up their knowledge of digital printing from the very beginning. It does not matter whether the participants are already working with analog printing technology or are newcomers to the printing production process. The focus of the course is on providing a basic knowledge of digital printing technology. The course is therefore suitable for anyone who will be working in digital printing in the future.

The course is suitable for employees who will set up and develop digital printing in the company. The entire digital printing environment is introduced, thus laying the foundations for holding discussions with experts and suppliers and enabling the implementation of initial processes.

## Course content

- ✓ Introduction in printing - basics of printing technology and ink jet
- ✓ Basics of Prepress and decor creation
  - Workflow from design-to-print
  - Scanning, proofing, design development
  - Printing file preparation
  - Hands-on training design-to-print process
- ✓ Basics of ink jet technology and printing ink
  - Machines, multi pass, single pass and functionalities of the machines
  - Print head functionality
  - Types of print head, different printhead technologies, print resolution
  - Drop creation, drop dynamics, drop size
  - Printing inks - Water based, UV inks, Primer, lacquer
  - Printing inks - Production of inks and pigments



## Trainer Team



Gabriele Kirchmeier



Steffen Orth

## Course content

- ✔ Color management
  - Theory of colors
  - Workflow of color management
  - Colour management details, color spaces, RIP
  - Creation of profiles
  - Measurement devices
  - Dataflow - practical examples
  - First practical experience in color management
- ✔ Substrates for ink jet printing
- ✔ Quality management in ink jet
- ✔ Application with ink jet printing
- ✔ Market trends & date
- ✔ Case study

## Participants benefits

- Compact course combining basic knowledge about ink jet printing, color management and the relevant processes of design data.
- Combination of theory and practical use of software solutions
- Learn from leading digital surface decoration industry experts and get answers to your questions.
- Fast learning curve
- Excellent networking opportunities.
- Learning experience in small groups (places are limited).
- A participation certificate will be provided.

## Employer benefits

- Obtained knowledge of employees can be applied immediately in projects and operations
- Employees will learn from leading digital surface decoration industry experts.
- Relatively short period, where employees are off work
- Employees get exposed to the latest methodologies, which allow supporting internal process improvements and projects

