

Color 800/1000 Press & Connected RIP Training

Training course outline

Course Name: Color 800/1000 Press & Connected RIP Training

Course Code: System codes are as follows; however booking must specify Raster Image Processor as the controlling server in the notes.

ESC80PB/ESC100PB - Color 800/1000 Press [Basic](#)
 ESC80PB/ESC100PB - Color 800/1000 Press [Advanced](#)
 ESC80PB/ESC100PB - Color 800/1000 Press [Complete](#)

Location: Customer's Premises

AND

Fuji Xerox Australia
 National Education Centre
 546 Gardeners Road
 ALEXANDRIA NSW 2015

Time: 8.30am – 5.00pm

Duration: [Basic](#): 2 days on-site
[Advanced](#): 2 days centralised (held approx. 2-3wks post BASIC training)
[Follow up/assessment](#): Up to 1 day (help approx. 4-8wks post training)

Objective:

The objective of the Color 800/1000 Press & Connected RIP Training course is to provide participants with comprehensive training to ensure that key operators have the appropriate skills to maximise the productivity and longevity of their digital printing solution.

Pre-requisites:

This course is aimed at trainees that can demonstrate strong PC or Mac skills and who have a basic-level understanding of digital printing. FXA Customer Education may need to recommend pre-courseware or external courses as a pre-requisite to the DocuColor Engine & Connected RIP training course. Please refer to the Advanced Training Prerequisites outlined below.

Course Content:

Day one – Basic IOT

Conducted by FXA training specialists in your state, the modules covered include Color 800/1000 Press Engine operation procedures, daily maintenance and precautions. It is designed to enable you to commence production on the Color 800/1000 Press engine immediately upon install.

- Customer Expectation Document
- Before Using the Printer
- Paper and Other Media
- Basic Operations of Print Jobs
- Problem Solving
- Maintenance
- Specifications
- Quick Reference Guides

Day two – Basic RIP/DFE

Digital Document Workflow

Control and manage your digital document workflow to maximise the productivity and benefits of your Color 800/1000 Press. These modules include essential information on printing plus detailed document management solutions.

- Getting started with Basic Printing
- Getting started with Managing Colour
- Workflow, Administration & Remote
- 24/7 Online Support

Day three – Advanced “Image Quality & Colour Management” (centralised)

Pre-requisites: Students need to have either (1) attended the **Basic** course or (2) have at least a basic level experience in managing stock and jobs on the Press and the RIP or (3) at least 3 years experience in the Printing industry and have a working knowledge of colour management on a digital or offset press.

Training is conducted by FXA training specialists at our National Education Centre, Sydney. The modules covered are aimed at Pre-Press and Press Operators and focuses on the areas of Colour Management and Image Quality functions on both the Press Interface and the RIP. Topics discussed, in depth, are as follows:

- iQ Check Tool for assessing image quality on your printing system
- Colour Management principles and how/where they apply within the workflow
 - Colour theory
 - RIP Colour Flow Chart
 - Gamut comparisons, Rendering Intents, Profiles
 - APPE vs CPSI
 - Spot Colours & TRC's
- Image resolution and Halftone settings
 - Vector vs Pixel
 - Appropriate resolutions
 - 1bit vs 8bit
 - Halftone theory and available screens
- Image quality related settings on the PCUI
 - IQ vs Speed functions
 - Cleaning Corotrons & Devs
 - Registration Control
- Image quality related settings on the RIP
 - Exploring RIP functions via test sheets

Day four – Advanced “Designing for Clear Dry Ink” (centralised)

Pre-requisites: Students need to have a basic to intermediate level experience in using the Adobe Creative Suite applications (InDesign, Photoshop, Illustrator, Acrobat Pro).

The modules covered in this centralised training are aimed at graphic content creators (eg. Graphic Designers / Press Operators) and focuses on the building, assessing and outputting of files containing Clear Dry Ink. Topics discussed, in depth, are as follows:

- Properties of Dry Inks on the Color 800/1000 Press
- Considerations when producing artwork containing CDI elements (eg. Stock choice, total ink weights etc.)
- How to use the Adobe Creative Suite applications to produce various file formats, containing Spot Colour objects, ready for CDI output.
 - Spot Vector & Text using Overprint or Multiply
 - Colourised TIFFs
 - Mono/Duo/Tri/Quadtones

- Spot Channel Bitmaps
- RIP functions for the output of CDI
 - Applying CDI to files with and without embedded spot colours
- Available Support Tools to help customers in marketing CDI to their print buyers
 - Source files available to re-purpose for own marketing campaigns.
 - Web-based tools materials
 - Profit Accelerator Resources overview

On-site follow-up

This is a follow up visit that will take place 4-8 weeks post training to ensure digital production is running smoothly. The visit is also used to assess the trainee's skill level on the production engine. When successfully completed, a Certificate of Completion will be issued from Fuji Xerox National Education Services.

To book your place, please contact National Education Services on **(02) 9700 5500** or e-mail Education.Services@aus.fujixerox.com

About Fuji Xerox Australia

Fuji Xerox Australia is part of a world leading enterprise for business process and document management services. Through the Implementation of efficient business processes and effective communication, we deliver the right information to the right people in the right format. A continuous source of innovation helps us optimise IT and print infrastructures to deploy document strategies that are efficient, productive and waste-free. This enables our customers to meet their business challenges in new ways with measurable results.



Protecting the environment is fundamental to our commitment to corporate citizenship. Fuji Xerox Australia provides products that have been designed with both our customers and the environment in mind. We are known for our end-of-life product resource recovery and remanufacturing programs. Our products regularly lead the industry in energy performance and all our sites maintain ISO 14001:2004 Environmental Management System Certification. Fuji Xerox Australia has been recognised for its achievements in environmental sustainability by the United Nations and the Banksia Environmental Foundation in Australia.

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