

Training Course Outline

Colour Foundations

Course Name:	Colour Foundations
Course Code:	EDDCCFND (does not include flights & accommodation)
Location:	National Customer Education Centre 546 Gardeners Road Alexandria NSW 2015 (Day 3 may be arranged at the customer site on request)
Time:	9.00am – 5.00pm
Facilitator:	Willem Kooke
Attendees:	Anyone new to the world of colour Operators of Xerox digital colour devices. Account Managers & Business Owners may benefit from parts of this course. Xerox internal staff members.

Objective

The objective of the Colour Foundations training course is to provide participants with an intensive three days of training, designed to shorten the colour learning curve and make operators more productive in less time.

The three days of training can be broken up into three separate course dates (on request). Day one “Colour Quest” involves the foundations of colour theory. Day two “File Familiarisation” will cover information on file formats and how to create a company logo. Day three will build on the colour theory and show how to apply colour edits to your images and logos on a colour printing device whilst using real life job flow.

Pre-requisites

This course is aimed at candidates (participants) who can demonstrate basic PC or Mac skills and have some form of experience with digital printing. FXA Customer Education may need to recommend pre-courseware or external courses as a pre-requisite to the colour foundations course.

The Training Needs Analysis has been created to identify potential candidates for courses such as Colour Foundations. Although it is not a mandatory procedure before this particular course, it is a tool that is most effective to plan the strategy for a customer's training requirements. It is recommended that the proposed candidates complete the document prior to training as it can be used to flag any strengths or weaknesses that may need to be considered in the customisation of the courseware.

Course Content

DAY ONE

Module 1 – COLOUR QUEST

- Different aspects of colour, physical, chemical, psychological, physiological.
- Additive & subtractive models
- How we see, process & respond to colour
- Colour attributes
- Colour management overview

The learning outcome for day one is to provide the trainees with the foundations of colour. It is a non-product specific session that gives grounding to some of the concepts that will be needed to successfully run a colour digital output device.

Duration of module: 7 hours

DAY TWO

Module 2 – FILE FAMILIARISATION

- Graphic formats – Bitmap versus Vector
- Understanding the variables with file types.
- Create your own files – drawing logos in Adobe Illustrator (or Freehand)
- Scan your own files – create quality images from Adobe Photoshop

The learning outcome for day two will be to identify the difference between a “Bitmap” (resolution dependent image) and a “Vector” (resolution independent image). Preparing the trainee for day three’s image colour correction module.

Duration of module: 7 hours

DAY THREE

Module 3 – Grug’s Dilemma – Can you solve it with Digital?

- Colour gamuts
- Understanding rendering intents
- Understanding CMYK simulations
- Colour correction on the Digital Front End – Using the tools to match specific colours for Bitmaps & Vectors
- Troubleshooting the test file (company logos, skintones, etc test file)

Day three builds on the trainee’s knowledge of colour theory & file familiarisation by working with a RIP (Raster Image Processor) to achieve the colour they expect on a Xerox output device.

Duration of module: 7 hours

To book your place, please contact Education Services Administrator on 02 9700 5691 or e-mail Customer.Education@aus.fujixerox.com



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