

COLOUR MANAGEMENT



COURSE OVERVIEW

The technologies that you use everyday to create, edit and print are colour management ready—How ready are you?

Without an understanding of colour and how your applications and hardware handle colour, your workflow is going to be all work and no flow.

Get the applied knowledge you need to effectively implement digital colour management. Learn how to optimize colour for your entire workflow, including inputs, displays, editing, proofing and every kind of final output. Master best practices and colour settings for the latest versions of popular applications, including Adobe Creative Suite 2. Simplify colour matching, so that your monitor shows what's in the file and your printer matches your screen.

WHO SHOULD ATTEND

Anyone new to digital colour or colour management, Print production professionals & Production Managers, Photo Lab professionals and Photographers, Large and small format printers, Creative Professional and anyone frustrated by colour issues.

DURATION

2 Day

TIME

9.00 am - 5.00 pm with 1 hour lunch break

LOCATION

Teras One Solution Training Centre

FEES

RM1680. Training fees inclusive of course material, certificate of training, 2 refreshment and lunch.

COURSE LEADER

Mr. Jeevaratnam K

Jeevaratnam K had worked with the New Straits Times Press (NSTP), a leading newspaper publisher in Malaysia for the past 29 years. His last position held at NSTP was Manager Development, Publishing Systems.

His main scope of responsibility was to source and introduce new digital technologies to automate the workflow at NSTP. During that time he was also instrumental in implementing the digital workflow at the pre-press section of NSTP particularly the Electronic Picture Desk, Picture Archive system and Colour Management system.

His in-depth knowledge of the print industry spans several generations of technologies. He had seen the evolution of technology used in the print industry from the old analog times to the current day modern digital technology. He had attended several courses on the various systems (hardware & software) deployed in the pre-press section from the Atex Editorial Publishing System, Fotoware Picture Archiving System, Binuscan Colour Management system, Autologic Image Setters and ECRM analog to digital (A/D) digitizers in the USA and Europe.

He had also in 1986 attended a six months course on Microelectronic SystemsEngineering at Paisley College of Technology in Glasgow, Scotland. He was also instrumental in drawing up the system specifications and requirements generally known as the Request for Proposal (RFP) for the remote page transmission system at NSTP. He had on numerous occasions attended the annual NEXPO and IFRA newspaper print industry expo in USA and Europe to keep abreast with the rapidly evolving technologies in the newspaper print industry.

He was called upon by IFRA Asia to do a case-study presentation at Publish Asia 2001 Expo in Singapore on his experiences of introducing and implementing Colour Management system in NSTP.

He had decided to put the knowledge he had acquired over the years to good use by conducting courses to impart his knowledge to others especially in the challenging field of Colour Management.

Course Outline

DAY 1

9:00 am - 10:30 am

INTRODUCTION

- Overview
- Device Characteristics
- Close-Loop & Open-Loop Colour Management
- Describing Colours

10:30 am - 10:45 am

BREAK

10:45 am - 1:00 pm

INTRODUCTION *(cont'd)*

- Device Profiles
- Three Cs of Colour Management (calibration, characterization & conversion)
- Colour Management Workflows
- Device Gamut
- RGB versus CMYK workflow

1:00 pm - 2:00 pm

LUNCH BREAK

2:00 pm - 3:30 pm

COLOUR BY NUMBERS

- Colour Systems
- Colour Spaces
- Device-Dependent Colour Spaces
- Device-Independent Colour Spaces

3:30 pm - 3:45 pm

BREAK

3:45 pm - 5:00 pm

COLOUR MANAGEMENT IN CREATIVE SUITE 2

- Rules for Colour Management
- Colour Settings
- Working Spaces
- Assign & Convert
- Printing

DAY 2

9:00 am - 10:30 am

- Monitor Calibration
Using Gretag Eye-One pro spectrophotometer or Gretag Eye-One Display 2 colorimeter monitor calibrator

10:30 am - 10:45 am

BREAK

10:45 am - 1:00 pm

- Printer profile generation process, include printing reference CMYK charts (IT8/7.3 /ECI 2002). Other relevant control elements gray bar and solid CMYK patches.
- Measure using spectrophotometer Eye-One Pro, DTP41 or Eye-One IO to read the CMYK charts.
- Averaging several measurements to derive mean dataset for creating profile using Gretag
- Profile Maker 5.0 or Binuscan ProfilePlus software.
- 3D view of print profile created against standard reference CIE LAB colour to see gamut map.

1:00 pm - 2:00 pm

LUNCH BREAK

2:00 pm - 3:30 pm

- Colour Management Workflow Setup

3:30 pm - 3:45 pm

BREAK

3:45 pm - 5:00 pm

Continuance of workflow setup and Q & A session