

WSQ -Optimum Print Control

3 days (21 hrs)

Overview

In the constant changing environment of the printing industry, the technology for prepress and press have improved tremendously over the years. However, there is a lack of emphasis on the inks and chemistry, which is the “BLOOD” for the last stage of the progression. These components give 'LIFE' to the final printed results and any error that occurs would mean that the time spent on the prepress stage is in vain.

This course provides you with an overall view of what is happening during the printing press process. Participants will have an in-depth understanding of the printing process and gain knowledge of all the control aids and relevant press-related essentials (especially ink and chemistry) that are available to produce the optimum print control in achieving the end product desired, which include packaging, displays, publishing of books or impressive annual reports. Anticipated problems at each stage of the process would also be highlighted and common causes and solutions would be discussed as well.

Who Should Attend:

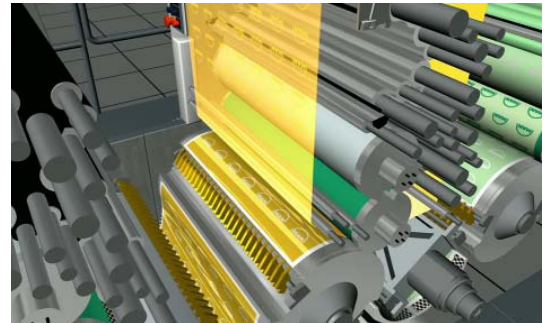
Printing supervisors, executives and other personnel who are in the print production for press and post-press, media, graphic, design and advertising industries.

Course Fees:

Full Course Fee : S\$780
7% GST : S\$54.60
Invoice Amount : S\$834.60

Government Grant

Course Fee Funding : (S\$315)
Absentee Payroll Support : (S\$94.50)*up to claimable by company



Course Content:

Printing Processes

- Introduction of various printing processes
- Advantages & disadvantages

Understanding Offset Printing Process

- The offset printing plate
- Image and Non-image area
- Dry offset
- Waterless offset
- Heatset, coldest, IR, UV

Printing Inks

- Ingredients in an offset ink & their properties
- Specialty Inks – Laser-safe, Security, NCR de-sensitizing, Heat Transfer, etc.

Ink & Paper Relations

- Brief on different types of paper & manufacturing
- Matching ink to paper

Printing Chemicals and Ancillaries

- Introduction of the various press chemicals, blanket & roller washes etc
- Ink additives, tack reducers, retarders, driers, etc

Quality Management & Control Guides

- Definition of colour
- What are Process colours?
- Print Quality checks
- Use of densitometer – hue & grayness, trapping, dot gain, etc

Common Offset Printing Problems

- List of offset printing problems, their causes & solutions
- Discussion on print samples

Colour Matching (Pantone System)

- The pantone colour guide
- Colour matching techniques

The Finishing & Binding Processes

- Common types of binding
- Common types of finishing – Overprinting varnishes, laminating, calendaring, etc

Questions & Answers Session

For course enquiries and registration, please contact us at:-

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