

INSTITUTE OF PRINTING, UNITED KINGDOM

(MALAYSIA BRANCH)

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Certificate in Printing Appreciation

PART I - AN OVERVIEW OF THE PRINTING INDUSTRY

Module 1 - 24 hours (over 3 weeks)

Course contents:

- History of the Printing & Graphic Communication Industry
- Introduction to Pre-Press work
 - typesetting, artwork preparation, camera work, colour separation
- Introduction to Printing Presses
 - letterpress machines, small offset single colour machines, medium offset printing machines, two & four colour printing machines
- Introduction to print finishing operations
- Introduction to printing Industry management
- Introduction to print buyer marketing

Part II - Module 2 - 16 hours (over 2 weeks)

- The world of Digital Printing
- Gravure Printing
- Silk Screen Printing
- Web Offset Printing
- Finishing operations
- Management aspects

Part I - Module 3 - 18 hours (over 2 weeks)

- Use of computers in Pre-press production
- Software used in Pre-press production
- Use of process camera
- Use of various types of plates - paper & metal plates
- Use of chemicals - film processing, printing machines etc
- Types of paper & boards - general use, books & magazines, newspaper, packaging, NCR
- Types of inks - each printing process use different specs

Part II - Module 4 - 10 hours (over 2 weeks)

- An over view of Prepress in the graphic arts industry
 - conventional pre press work flow
 - digital pre press work flow
- Colour theory & colour separation
- Use of scanners in colour separation
- Output devices & proofing
- Other techniques - masking

Part III - Module 5 - 10 hours (over 3 weeks)

- Hands-on experience in the preparation of simple artwork
- Hands-on experience in the use of plate maker
- Hands-on experience in the use of a small offset printing machine
- Hands-on experience in the use of a binding machine
 - folders, joggers, wire stitching, numbering etc



Award

Total duration of course - 12 weeks (3 months)

At the end of course students would be awarded:

Students who have successfully completed all five (5) modules will be awarded a Certificate by IOP – UK, Malaysia Branch.

Students who have successfully completed one or more modules only will be awarded certificate of Accomplishment.

CERTIFICATE IN PRINTING

Course Aim

The course is designed to provide an overview of the various processes of printing ie letterpress, (flexography), offset, gravure and silk screen printing. It enables the participants to acquire the basic knowledge of printing from prepress to print finishing. The course provides theory lessons in Module 1 to 4 and hands-on experience in Module 5.

Course Outline

The course covers the introduction to basic prepress, press and print finishing, printing industry management, print buyer marketing, management aspects, use of computers and their softwares in prepress production. It also covers the use of various types of plates, paper and board, chemicals and inks.

Who should attend?

This course is a valuable asset to all involved in the printing and related industries. It will be beneficial to all persons involved in prepress, purchasing, sales and marketing etc. It will enhance the knowledge and productivity of the participants.

Course Fees

Structure 1 : Completion of all Five Modules **RM 3,500.00**

Structure 2 : Modular Basis (Per Module) **RM 850.00**