

COURSE INFORMATION SHEET FOR NITEC IN COMPUTERISED PREPRESS TECHNOLOGY (FULL PROGRAMME) UNDER THE APPROVED TRAINING PROVIDER SCHEME

ATP Scheme

Private training providers interested in conducting training leading to ITE certifications may apply to ITE for the **Approved Training Provider (ATP)** status.

To be eligible for consideration for the award of the ATP status, private training providers should have the following basic requirements:

- Adequate training and examination facilities
- Suitably qualified staff – both technically and pedagogically
- Training programme that is acceptable to ITE;
- Singapore Quality Class (SQC) SQC for Private Education Organisation (SQC PEO) / CaseTrust for Education membership

Acceptance and/or evaluation of an application is **NOT** to be deemed to be equivalent or shall result in an approval of status. ITE reserves the right to reject an application without assigning any reasons. Accepted applications will be subjected to evaluation by ITE which includes a visit to the premises of the school/centre. All decisions made by ITE arising from the evaluation shall be final.

Title	National ITE Certificate (<i>Nitec</i>) in Computerised Prepress Technology																																										
Objective	This course provides students with the knowledge and skills to perform a wide range of tasks in prepress work, from receiving of digital files or scanning to the final outputting operations, and checking of the final outputs such as films, printing plates or digital storage media, and troubleshooting for these operations which are done on prepress equipment.																																										
Skills Standard	<p>A Technician in Computerised Prepress Technology performs the following duties:</p> <ul style="list-style-type: none"> ▪ Manage digital files received, such as copy, backup, converting, archiving, retrieving and transmission of files; ▪ Create, edit and assemble digital texts, graphics and images; ▪ Scan complex images for colour reproduction and tone separation; ▪ Perform pre-flight of digital files and image trappings; ▪ Calibrate and maintain input and output devices; ▪ Output files to devices such as imagesetter, digital proofer, laser printer and ink jet printer; ▪ Plan complex page impositions; and ▪ Develop flats, proofs and printing plates. 																																										
Content	<p>This course comprises the following 8 modules:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;"></th> <th style="width: 70%; text-align: left;"><u>Module</u></th> <th style="width: 15%; text-align: center;"><u>Recommended Hours</u></th> <th style="width: 10%; text-align: center;"><u>Credit Units</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Digital Prepress Fundamentals</td> <td style="text-align: center;">120</td> <td style="text-align: center;">4</td> </tr> <tr> <td>2</td> <td>Digital Imaging</td> <td style="text-align: center;">120</td> <td style="text-align: center;">4</td> </tr> <tr> <td>3</td> <td>Page Composition I</td> <td style="text-align: center;">120</td> <td style="text-align: center;">4</td> </tr> <tr> <td>4</td> <td>Page Composition II</td> <td style="text-align: center;">120</td> <td style="text-align: center;">4</td> </tr> <tr> <td>5</td> <td>Image Scanning</td> <td style="text-align: center;">120</td> <td style="text-align: center;">4</td> </tr> <tr> <td>6</td> <td>Image Editing</td> <td style="text-align: center;">120</td> <td style="text-align: center;">4</td> </tr> <tr> <td>7</td> <td>Digital Page Imposition</td> <td style="text-align: center;">120</td> <td style="text-align: center;">4</td> </tr> <tr> <td>8</td> <td>Prepress Output Evaluation</td> <td style="text-align: center;">120</td> <td style="text-align: center;">4</td> </tr> <tr> <td></td> <td>Total</td> <td style="text-align: center;">960</td> <td style="text-align: center;">32</td> </tr> </tbody> </table>				<u>Module</u>	<u>Recommended Hours</u>	<u>Credit Units</u>	1	Digital Prepress Fundamentals	120	4	2	Digital Imaging	120	4	3	Page Composition I	120	4	4	Page Composition II	120	4	5	Image Scanning	120	4	6	Image Editing	120	4	7	Digital Page Imposition	120	4	8	Prepress Output Evaluation	120	4		Total	960	32
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Structure	The course is conducted on a modular basis. Training duration would vary depending on the hours of training per week, subject to the minimum recommended hours.		
Industry Attachment (IA):	NA		
Major Tools / Equipment & Materials	An establishment interested in providing training in this course under the Approved Training Provider Scheme must possess the major tools / equipment & materials specified at <u>Annex A</u> .		
Guidelines On Trainer's Qualifications	Trainers should possess the following academic, technical and pedagogic qualifications, and relevant work experience:		
	<u>Technical Qualification</u> <i>Nitec</i> in Computerised Prepress Technology (full NTC-2 certificate) or equivalent; and Sec 4 N (preferred)	<u>Relevant Work Experience</u> At least 3 years work experience in the industry (Not required if he/she has at least 3 years teaching experience in the industry)	<u>Pedagogic Qualification</u> Instructional Skills, or equivalent teaching qualifications, or at least 3 years teaching experience in the industry Test Construction or equivalent for setting of papers
Minimum Entry Requirement	Course participants should possess the following minimum entry requirements: 1. Completed GCE 'N' levels or equivalent; or 2. PSLE with work experience for mature students.		
Full Certification	To qualify for full certification, the course participant must fulfill the following criteria: Attain a total of 32 credit units for the 8 modules within a 6-year period from the date of the first examination taken.		
Additional Information	Participants must complete Page Composition I before taking the Page Composition II. They are sequential modules.		

MAJOR TOOLS / EQUIPMENT & MATERIALS LIST FOR NITEC IN COMPUTERISED PREPRESS TECHNOLOGY

TOOLS/EQUIPMENT

Colour matching system	Densitometer (transmission and reflection)	Raster Image Processor (RIP)
Magnifying glass	Digital proofing system	Laser printer and peripherals
Screen ruling tester	High-end scanner	Printing down frame
Pantone/In-house colour chart	Image setter	Rapid access film/plate processor
Colour chart	Plate setter	Spectrophotometer
Computer workstation (PC/Mac)		Flat-bed proofing press

MATERIALS

CD	MO disk	Films
DVD	Toner	Printing plates
Flash disk	Print cartridges	Paper
Zip disk	Processing chemical	