Australian Government

ICPPRN282 Produce and manage basic digital print

Release: 1

ICPPRN282 Produce and manage basic digital print

Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

Application

This unit describes the skills and knowledge required to construct a range of electronic data files, perform basic colour management techniques and produce and manage a print runt to achieve maximum productivity.

It applies to individuals working in the printing and graphic arts industry who perform a range of mainly routine tasks, work under direct supervision and use limited practical skills and knowledge in a defined context.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Printing

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Troubleshoot and maintain operations of digital print system	1.1 Errors in operation of hardware and consumable components in the printing module of a digital printing system are identified and rectified
	1.2 Source of errors related to electronic data file, digital front-end, workstation or industry software or hardware printing systems is located and rectified and/or technical assistance is coordinated according to manufacturer's specifications
	1.3 Preventive maintenance is performed according to manufacturer's specifications to ensure digital print system functions at optimum productivity with minimum downtime and wastage

ELEMENT	PERFORMANCE CRITERIA
	1.4 Incompatibilities between versions of hardware and software used in digital printing are identified and rectified
2. Liaise with clients	2.1 Print service and quality expectations are clearly communicated to client according to enterprise procedures
	2.2 Advice is provided to clients on how to set up electronic data files for digital printing according to enterprise procedures, manufacturer's specifications and digital print equipment capabilities
	2.3 Advice is provided to clients on appropriate substrates and document finishing methods for digital printing jobs, according to client's budget and job specifications
3. Perform basic electronic document impositions	3.1 Electronic file imposition using a range of industry software is completed according to job specifications
	3.2 Document finishing requirements for an imposed digital print job are finalised with co-workers or external services, if required, according to equipment availability and enterprise procedures
4. Perform basic digital colour management	4.1 Red Green Blue (RGB), Cyan Magenta Yellow Black (CMYK) and PMS colour charts are outputted and differences between computer monitor colour and digitally printed colour are adjusted
	4.2 Common problems of colour digital printing are rectified and communicated to clients according to job specifications
5. Access and verify electronic data files	5.1 Workstation computer and industry software are used to locate and retrieve electronic data files according to job specifications
	5.2 Digital front-end processor is used to locate and retrieve electronic data files according to job specifications
	5.3 Preview or pre-flight check of electronic data files is performed to verify correct job set-up according to job specifications
	5.4 Basic troubleshooting methods are applied to identify unverified data files, file errors and job requirement inconsistencies according to manufacturer's specifications
6. Submit data files to digital print system	6.1 Job priority is determined according to job specifications and production schedules
	6.2 Data files are submitted to print and image quality checks, and machine productivity checks are performed
7. Produce digital proof	7.1 Proof run is conducted to confirm proof conforms to job

ELEMENT	PERFORMANCE CRITERIA
and run print job	specifications and/or for client approval
	7.2 Print run is conducted according to job specifications ensuring machine productivity and quality are monitored and rectified throughout the print job
8. Coordinate and/or perform document finishing and client delivery	8.1 Steps required for document finishing are determined, if not performed on in-line finishing units, on a web or sheet-fed system according to enterprise procedures
	8.2 Finished print work is packaged to prevent damage and to conform to delivery requirements according to job specifications

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.2, 1.3, 3.1, 4.2, 5.1-5.4, 6.1, 7.1, 7.2, 8.2	• Recognises and interprets text to establish job requirements from information contained within relevant procedures and specifications
Writing	2.1-2.3	• Communicates relationships between ideas and information in a style appropriate to audience and purpose
Oral Communication	1.2, 1.3, 2.1-2.3, 3.1, 3.2, 4.2, 5.1-5.3, 6.1, 7.1, 7.2, 8.2	• Speaks clearly using appropriate vocabulary, tone and pace to report faults and discrepancies • Determines client and stakeholder requirements to inform a design or technical brief
Numeracy	2.2	• Interprets and analyses a range of mathematical information used in familiar and routine tasks
Navigate the world of work	1.2, 1.3, 2.1-2.3, 3.1, 3.2, 4.2, 5.1-5.4, 6.1, 6.2, 7.1, 7.2, 8.1, 8.2	• Recognises and follows explicit and implicit protocols and meets expectations associated with own role • Complies with work health and safety (WHS), legislative requirements and follows organisational policies and procedures relevant to own role
Interact with others	1.2, 1.3, 2.1-2.3, 3.1, 3.2, 4.2, 5.1-5.3, 6.1, 7.1, 7.2, 8.2	• Cooperates with others as part of familiar routine activities, and contributes to specific activities requiring joint responsibility and accountability • Understands what to communicate, with whom and how in routine work situations, identifying relevant

		information and ideas
Get the work done	1.1-1.4, 3.1, 3.2, 4.1, 4.2, 5.1-5.4, 6.1, 6.2, 7.1, 7.2, 8.1, 8.2	• Takes responsibility for planning and organising own workload, identifying ways of sequencing and combining elements for greater efficiency • Recognises and anticipates an increasing range of familiar problems, actively looking for early warning signs and implementing contingency plans • Plans, identifies and assembles resources required to complete tasks • Follows routine procedures for using digital technology by reading data from electronic monitoring and control systems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRN282 Produce and manage basic digital print	ICPPR282C Produce and manage basic digital print	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d