



Australian Government

ICPPRN3820 Produce and manage complex digital print

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 4.0.

Application

This unit describes the skills and knowledge required to produce and manage digital print in a complex print production environment by constructing and accessing complex electronic data, performing colour digital management and adjusting machine settings to ensure production and print quality are maintained.

It applies to individuals who possess a sound theoretical knowledge base, who typically provide leadership and use a range of specialised and technical skills in the commercial print, pre-press, bureau, high-end digital print or a combination of these business environments.

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
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Troubleshoot and correct production workflows for digital printing	1.1 Conduct productivity analysis on a digital production system and determine approach according to job specifications 1.2 Develop workflow procedures for digital printing according to equipment availability and production environment 1.3 Identify and rectify possible causes of problems in workflow procedures, and develop strategies to improve productivity 1.4 Undertake preventive maintenance on digital printing system according to manufacturer specifications

ELEMENT	PERFORMANCE CRITERIA
2. Liaise with clients	2.1 Communicate print services, quality expectations and print costing for digital printing to client according to enterprise procedures 2.2 Communicate productivity advantages and disadvantages of different digital print options according to enterprise procedures 2.3 Calculate turnaround times and communicate to client
3. Confirm job specifications	3.1 Identify job specifications 3.2 Confirm availability of all job components 3.3 Check scanning, proofing and finishing requirements of job and coordinate internal workflow and outsource arrangements as required 3.4 Determine run and completion time of job
4. Access, verify and submit electronic data files to a digital printer	4.1 Locate and retrieve electronic data files according to job specifications 4.2 Perform required preview and pre-flight checks on electronic data files and verify job set up according to job specifications 4.3 Determine job priority to job specifications and production schedules 4.4 Submit data file to print and conduct image quality and machine productivity checks and make adjustments as required
5. Perform complex digital colour management	5.1 Use digital colour management solutions to minimise variation in various digital colour attributes 5.2 Use red, green, blue (RGB), cyan, magenta, yellow and key black (CMYK) and pantone matching system (PMS) colour charts to perform colour matching with client proof 5.3 Make recommendations on colours to use when producing electronic data files according to job specifications 5.4 Perform colour matching of an electronic data file using RGB colour model and customise an output profile
6. Perform document proofing	6.1 Conduct digital proof 6.2 Facilitate communication between client and proofing provider and confirm proof meets job specifications
7. Perform and/or coordinate document finishing and client delivery	7.1 Determine finishing method according to job specifications 7.2 Identify steps required for document finishing and perform on in-line finishing units as required according to enterprise

ELEMENT	PERFORMANCE CRITERIA
	procedures 7.3 Package and present finished print work according to delivery requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Writing	<ul style="list-style-type: none"> Enters routine data associated with production processes and enterprise procedures
Numeracy	<ul style="list-style-type: none"> Interprets and analyses a range of mathematical information used in familiar and routine tasks
Self-management	<ul style="list-style-type: none"> Works independently and collectively within broad parameters, with a strong sense of responsibility and ownership of goals, plans, decisions and outcomes May seek to make implicit protocols and expectations more explicit, and may challenge those who appear to work against effective outcomes, or do not reflect stated values, decisions and outcomes
Teamwork	<ul style="list-style-type: none"> Collaborates with others to achieve joint outcomes, playing an active role in facilitating effective group interaction, influencing direction and taking a leadership role on occasion
Planning and organising	<ul style="list-style-type: none"> Determines priorities and sequences steps involved in clearly defined, familiar tasks Takes responsibility for planning and organising own workload using analytical processes to decide on a course of action, and assembles required resources
Problem solving	<ul style="list-style-type: none"> Identifies and anticipates an increasing range of complex problems, their symptoms and causes, actively looking for early warning signs and implementing contingency plans

Unit Mapping Information

Supersedes and is equivalent to ICPPRN382 Produce and manage complex digital print.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>