



Australian Government

ICPPRP422 Digitise complex images for reproduction

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 1.0.

Application

This unit describes the skills and knowledge required to undertake advanced, complex colour scanning or digital capture.

It applies to individuals who work in the graphic pre-press sector of the printing and graphic arts industry. They are responsible for image production that meets the technical specifications of the job.

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

Unit Sector

Pre-Press

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 Mount and prepare original copy	1.1 Copy is mounted and positioned according to scanner/artwork specifications 1.2 Crops are marked to minimise use of disk space 1.3 Multiple copy units are correctly identified and assigned according to technical specifications
2 Set up and adjust scanner	2.1 Scanner is calibrated and program set according to job specifications 2.2 Colourcast and catch lights are assessed to ensure image is scanned according to job specifications 2.3 Adjustments are made to tone and colour correction

ELEMENT	PERFORMANCE CRITERIA
	requirements 2.4 End points are set 2.5 Scanner settings are utilised to achieve required results for varied print processes
3 Produce and evaluate complex images	3.1 Images are scanned using appropriate software commands and scanner controls 3.2 Scanned images are evaluated for colour and grey balance, tone reproduction, cast removal and end-point accuracy 3.3 Images are stored on file and displayed on a monitor or output device 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	1.1, 1.3, 2.1, 2.2, 3.3	Recognises and interprets text to establish job requirements from information contained within relevant procedures and specifications
Get the work done	1.1-1.3, 2.1-2.5, 3.1-3.3	- Takes responsibility for planning and organising own workload using analytical processes to decide a course of action, and assembles required resources - Recognises and takes responsibility for addressing predictable, and some less predictable, problems in familiar work contexts - Utilises a broad range of digital software features for specific purposes

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRP422 Digitise complex images for	ICPPP422C Digitise complex images for	Updated to meet Standards for	Equivalent unit

Code and title current version	Code and title previous version	Comments	Equivalence status
reproduction	reproduction	Training Packages	

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for ICPPRP422 Digitise complex images for reproduction

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Performance Evidence

Evidence of the ability to:

- safely use a medium to high-end full colour scanner (with full software capabilities) to reproduce at least TWO colour continuous tone originals with different contrast characteristics and ONE rescreen
- provide high-quality colour, grey balance, tone reproduction and cast removal in scanned images
- match technical aspects of scanned image to selected printing process and substrate
- safely operate and monitor production on a flat-bed or drum scanner with full colour capabilities
- find and use information relevant to the task from a variety of information sources.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- explain why scanner settings need to be varied to suit subsequent printing processes or electronic output
- list factors that influence selection of highlight and shadow aim points
- describe critical qualities of a copy that need evaluation prior to reproduction
- explain main points to be considered when preparing a copy for scanning
- describe how grey balance requirements are determined prior to applying colour correction
- describe factors that determine requirement for colour correction
- describe purpose of catchlight controls and how they are applied
- describe considerations necessary to ensure predictability and repeatability at the output stage
- list methods of storage and filing of images for retrieval

- explain criteria used for evaluating scanned images
- explain how common file formats relate to the scan saving process
- identify other file formats available for saving scans and when they are used
- identify manuals, safety and other documentation relevant to this task and where are they kept, and information included in them
- identify other sources of available information.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the Pre-Press field of work and include access to:

- a flat-bed or drum scanner with full colour capabilities
- industry software packages.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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