



Australian Government

CUAPHI524 Prepare digital images for pre-press processing

Release: 1

CUAPHI524 Prepare digital images for pre-press processing

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to prepare client image files for pre-press processing. It involves planning for pre-press, preparing files for pre-press processing and reviewing finished work.

The unit applies to those who possess the self-directed skills and knowledge to process image files prior to printing.

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

Unit Sector

Visual Communication – Photo Imaging

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. Plan for pre-press processing	1.1 Source printing requirements from required personnel and interpret print specifications 1.2 Discuss and resolve with required personnel any constraints associated with different printing processes and other diffusion techniques
2. Prepare files for pre-press processing	2.1 Prepare image files using required pre-press processing techniques 2.2 Choose suitable test charts or targets and print to required specifications for ink density and stock on linearised proofer 2.3 Calibrate digital proofing device to examine test charts and use results to generate colour profile 2.4 Print test file on calibrated digital proofing device and use results to generate output profile for press and stock

ELEMENT	PERFORMANCE CRITERIA
	2.5 Produce sample image, confirm quality of image with required personnel and modify if required 2.6 Optimise images and output image product to profile specifications using industry standards 2.7 Save image files in appropriate format for pre-press processing and prepare invoice or account for client 2.8 Assemble completed images for electronic or physical dispatch and deliver with invoice or account to agreed location by required methods within agreed timeframe
3. Wrap up and review print preparation	3.1 Catalogue and archive images according to industry standards 3.2 Review feedback from required personnel on final printed product 3.3 Maintain contractual and financial records for business and taxation purposes 3.4 Evaluate own performance in job context and identify future improvements 3.5 Identify future opportunities, work directions, equipment needs and workflow changes resulting from job

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
Reading	• Interprets and evaluates technical specifications and guidelines • Checks results of test charts to inform colour profile
Writing	• Accurately records information from a range of sources
Oral Communication	• Participates in complex discussions with technical experts using industry-specific terminology • Confirms information using effective listening and open question techniques
Numeracy	• Calculates account fees for invoices
Self-management	• Takes responsibility for compliance with industry standards and legislative requirements • Understands workplace expectations and evaluates own performance according to those expectations
Teamwork	• Selects and uses appropriate communication methods and practices to participate in discussions about pre-process requirements

SKILL	DESCRIPTION
Planning and organising	• Uses methodical planning processes to prepare, optimise and save image files in appropriate formats • Stores and maintains images and records according to requirements • Makes decisions that require understanding of printing techniques and test processes • Reviews outcomes and feedback from others to determine future requirements and opportunities for change
Technology	• Uses digital tools to create and store files

Unit Mapping Information

Supersedes and is equivalent to CUAPHI514 Prepare digital images for pre-press processing.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>

Assessment Requirements for CUAPHI524 Prepare digital images for pre-press processing

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- prepare digital images for pre-press processing according to at least two different printing requirements.

In the course of the above, the candidate must:

- use appropriate pre-press processing techniques when preparing digital images
- manage colour in pre-press processing
- produce required test files and samples
- correctly save and archive completed images
- evaluate outcomes and identify future improvements or opportunities.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- important aspects of colour management during pre-press processing
- equipment, tools and materials required for pre-press processing
- technique for pre-press processing of images
- different printing and diffusion techniques and their constraints with respect to design
- systems used to catalogue and archive photo images and business records.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- an environment in which where digital image files can be prepared for pre-press processing
- required equipment and materials.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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