



Australian Government

CUAPHI514 Prepare digital images for pre-press processing

Release: 1

CUAPHI514 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 2.0.

Application

This unit describes the skills and knowledge required to prepare client image files for pre-press processing.

It applies to individuals 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. Consult with pre-press bureau about formatting requirements	1.1 Source printing requirements from relevant personnel and follow throughout preparation process 1.2 Obtain relevant specifications for software and image file formatting from relevant personnel 1.3 Discuss and resolve with relevant 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 appropriate pre-press processing techniques 2.2 Choose suitable test charts or targets and print to appropriate specifications for ink density and stock on linearised proofer

ELEMENT	PERFORMANCE CRITERIA
	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 2.5 Produce sample image, confirm with relevant 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 appropriate 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 relevant 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 language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.2, 2.2, 2.3	- Interprets and evaluates technical specifications and guidelines - Checks results of test charts to inform colour profile
Writing	1.1, 1.2	Accurately records information from a range of sources
Oral	1.1-1.3, 2.5	Participates in complex discussions with technical experts using language and features appropriate to the

Communication		audience • Uses effective listening and open questioning to clarify and confirm complex information
Numeracy	2.7	• Calculates account fees for invoices
Navigate the world of work	2.6, 3.1, 3.3, 3.4	• Takes responsibility for compliance with industry standards and legislative requirements applicable to own work role • Understands workplace expectations and evaluates own performance in meeting these expectations
Interact with others	1.1-1.3, 2.5	• Selects and uses appropriate communication methods and practices to participate in discussions about pre-process requirements
Get the work done	1.1-1.3, 2.1-2.8, 3.1-3.5	• 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 • Uses digital tools to create and store files

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUAPHI514 Prepare digital images for pre-press processing	CUVPHI530A Prepare digital images for pre-press processing	Updated to meet Standards for Training Packages and clarify intent.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for CUAPHI514 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 2.0.

Performance Evidence

Evidence of the ability to:

- use appropriate pre-press processing techniques to prepare digital images according to printing requirements
- 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.

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 the important aspects of colour management during pre-press processing
- outline equipment, tools and materials required for pre-press processing
- summarise the technique for pre-press processing of images
- explain different printing and diffusion techniques and their constraints with respect to design
- explain why stock and press are considered as part of pre-press
- outline systems used to catalogue and archive photo images and business records.

Assessment Conditions

Assessment must be conducted in a safe environment where evidence gathered demonstrates consistent performance of typical activities experienced in creative arts industry environments. The assessment environment must include access to:

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

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

Links

Companion Volume implementation guides are found in VETNet -

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