



Australian Government

ICPPRN494 Apply advanced software applications to digital production

Release: 1

ICPPRN494 Apply advanced software applications to digital production

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 correctly select and use a variety of high-end software applications to efficiently produce a standard job.

It applies to individuals who create standard jobs that require the use of multiple applications in the digital production sector.

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

Pre-requisite Unit

ICPPRN385	Apply software applications to digital production
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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. Confirm client brief and job specifications	1.1 Details of client design brief and job specifications are reviewed and clarified with client or supervisor 1.2 Type of documents are determined and production requirements are assessed 1.3 Client copy and images are assembled to conform to design

ELEMENT	PERFORMANCE CRITERIA
	brief 1.4 Software applications are assessed and selected to produce the job
2. Arrange elements on page	2.1 Guides are set and grid is displayed to ensure artwork meets job specifications 2.2 Elements are created and arranged on page with precise alignment 2.3 Elements are arranged in layers to allow for effective selection and re-arrangement 2.4 Imported text or data from other applications is correctly formatted and any cross-application formatting issues resolved 2.5 Text is formatted and flowed into document using most productive technique 2.6 Graphics and other elements are imported from other applications and are arranged according to design brief
3. Produce objects	3.1 Tools are used to produce objects and required attributes are entered and shapes manipulated, continuing until graphic framework is finalised 3.2 Lines and curves are adjusted and edited to fit design specifications 3.3 Objects are painted, transposed and strokes and effects are scaled according to design brief 3.4 Colours are created, edited and saved to colour palette and saturation of colour is adjusted 3.5 Colour and appearance attributes are selected and copied as required 3.6 Gradients, fills and patterns are used to paint and blend as required by layout and design brief
4. Edit images	4.1 Image is retouched to conform with job specifications 4.2 Colour and tone corrections are employed to conform to job specifications 4.3 An appropriate contouring technique is applied to produce the best result depending on the image 4.4 Edited image is saved in appropriate format to allow for import into other applications and to conform to job specifications 4.5 Image storage requirements are identified and employed

ELEMENT	PERFORMANCE CRITERIA
5. Produce publication-ready file	5.1 File is checked for errors in accordance with client brief and job specifications 5.2 Correct colour modes and libraries are used according to job specifications 5.3 Sufficient image resolution is applied according to output specifications 5.4 Bleeds and printer marks are applied as required 5.5 Completed file is sent to be ripped according to enterprise procedures

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, 2.6, 3.2, 3.3, 4.1, 4.2, 4.4, 5.1-5.3	- Recognises and interprets text to establish job requirements from information contained within relevant instructions, procedures and specifications - Checks for errors by comparing text in prepared files against requirements
Oral Communication	1.1	Participates effectively in discussions using appropriate vocabulary, questioning and listening
Numeracy	3.4, 3.6, 4.2	Uses mathematical skills to determine image resolution
Navigate the world of work	5.5	Follows organisational policies and procedures relevant to own role
Interact with others	1.1	Selects and uses appropriate communication practices when liaising with others to gain approvals
Get the work done	1.1-1.4, 2.1-2.5, 3.1-3.6, 4.1-4.5, 5.1-5.5	- Takes responsibility for planning and organising own workload, identifying ways of sequencing and combining elements for greater efficiency and assembles required resources - Responds to predictable problems and implements standard or logical solutions related to role in immediate work environment

		Reads data from electronic monitoring and control systems
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRN494 Apply advanced software applications to digital production	ICPPR494A Apply advanced software applications to digital production	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>

Assessment Requirements for ICPPRN494 Apply advanced software applications to digital production

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Performance Evidence

Evidence of the ability to:

- correctly use a variety of software applications to produce a standard layout
- identify and use information relevant to the task from a variety of information sources
- use at least TWO software applications to prepare two different sets of layouts according to enterprise standards.

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 different qualities between file formats
- describe when to use one file format as opposed to another
- discuss type of file formats unsuitable for print-based jobs and other methods of publication
- identify different colour modes, and advantages and disadvantages of each
- list various colour libraries and how to select them within a software application
- outline printing and other publication processes used in digital production
- discuss the importance of considering printing and other publication processes during the design phase
- list types of problems that can occur if the printing and publications process isn't considered during design
- discuss different techniques to style text productively
- discuss different ways text can be flowed throughout a document
- describe how guides and rulers can be adjusted
- outline circumstances in which images are required to be edited or manipulated
- discuss why using colour profiles is required when preparing an image for publication

- outline image storage capabilities
- describe factors that may influence grey balance of an image.

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 printing field of work and include access to:

- high-end computers
- output devices
- layout software.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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