



Australian Government

ICPPRN4940 Apply advanced software applications to digital production

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 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

ICPPRN3850 Apply software applications to digital production

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 Review details of client design brief and job specifications and clarify with designated person 1.2 Determine type of documents and assess production requirements 1.3 Assemble client copy and images according to design brief requirements 1.4 Assess and select software applications according to job

ELEMENT	PERFORMANCE CRITERIA
	specifications
2. Arrange elements on page	2.1 Set guides and display grid according to job specifications 2.2 Create elements and arrange on page 2.3 Arrange elements in layers according to selection and re-arrangement requirements 2.4 Format imported text and data from other applications and resolve any cross-application formatting issues 2.5 Format document text 2.6 Import graphics and other required elements from other applications and arrange according to design brief
3. Produce objects	3.1 Produce objects, enter required attributes and manipulate shapes according to requirements for graphic framework finalisation 3.2 Adjust lines and curves and edit to fit design specifications 3.3 Paint and transpose objects and scale effects according to design brief 3.4 Create, edit and save colours to colour palette and adjust saturation of colour 3.5 Select colour and appearance attributes and copy as required 3.6 Paint and blend using gradients, fills and patterns as required by layout and design brief
4. Edit images	4.1 Retouch images to conform with job specifications 4.2 Undertake colour and tone corrections 4.3 Apply contouring technique to produce required image result 4.4 Save edited image in required format according to import requirements 4.5 Identify and employ image storage requirements
5. Produce publication-ready file	5.1 Check file for errors in accordance with client brief and job specifications 5.2 Use colour modes and libraries according to job specifications 5.3 Apply image resolution according to output specifications 5.4 Apply bleeds and printer marks as required 5.5 Save completed file 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	Description
Reading	- Identifies and interprets text to establish job requirements - Checks for errors by comparing text in prepared files against requirements
Numeracy	Uses mathematical skills to determine image resolution
Self-management	Follows organisational procedures relevant to own role
Teamwork	Selects and uses appropriate communication practices when liaising with others to gain approvals
Planning and organising	Takes responsibility for planning and organising own workload, identifying ways of sequencing and combining elements for greater efficiency and assembles required resources
Problem solving	Responds to predictable problems and implements standard or logical solutions related to role in immediate work environment
Technology	Reads data from electronic monitoring and control systems

Unit Mapping Information

Supersedes and is equivalent to ICPPRN494 Apply advanced software applications to digital production.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for ICPPRN4940 Apply advanced software applications to digital production

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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:

- use at least two software applications to prepare two different sets of layouts according to enterprise procedures.

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:

- work health and safety (WHS) requirements for working on a computer for extended periods of time
- the different qualities between file formats and selection criteria for each format
- types of file formats unsuitable for print-based jobs and other methods of publication
- different colour modes, and their advantages and disadvantages
- various colour libraries and the steps taken to select them within a software application
- printing and other publication processes used in digital production
- purpose of considering printing and other publication processes during the design phase and problems that can arise if there is no consideration
- different techniques to style text to job specifications and ways text can be flowed through a document
- available tools to produce objects and circumstances requiring them
- available contouring techniques to meet job specifications
- procedures for adjusting guides and rulers
- circumstances requiring images to be edited or manipulated
- the reasons colour profiles are required when preparing an image for publication
- image storage capabilities
- factors that influence grey balance of an image
- manufacturer manuals, enterprise procedures and work health and safety documentation, including their location and purpose.

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. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the printing field of work and include access to:

- computer
- output devices
- layout software.

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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