Australian Government

ICP40120 Certificate IV in Printing and Graphic Arts Management

Release: 2

ICP40120 Certificate IV in Printing and Graphic Arts Management

Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 4.0.
Release 2	This version first released with ICP Printing and Graphic Arts Training Package Version 4.1. The following elective units of competency have been deleted as directed by the AISC: • ICPPRN422 Produce specialised gravure printed product • ICPPRN432 Produce specialised lithographic printed product • ICPPRN442 Produce specialised pad printed product • ICPPRN452 Produce specialised relief printed product • ICPPRN471 Set up for complex coating • ICPPRN472 Produce complex coated product • ICPPRN491 Use on-press monitoring of print quality • ICPPRN492 Use on-press print control devices • ICPPRN513 Set up for specialised flexographic printing • ICPPRN521 Set up for specialised gravure printing • ICPPRN531 Set up for specialised lithographic printing • ICPPRN541 Set up for specialised pad printing • ICPPRN551 Set up for specialised relief printing. The above training products were identified as having zero enrolments over a three year period. Version created to reflect minor changes in the packaging rules to include the following units of competency: • ICPPRP422 Digitise complex images for reproduction. Fixed typographical errors.

Qualification Description

This qualification applies to individuals working in the printing and graphic arts industry. They apply solutions to a defined range of problems and analyse and evaluate information from a variety of sources. They also take responsibility for production flow and provide supervision and guidance to others with limited responsibility for the output of others. Individuals undertaking this unit should have significant experience in the Printing and Graphic Arts industry.

Licensing/Regulatory Information

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

Entry Requirements

Nil

Packaging Rules

Total number of units = 15

5 core units plus

10 elective units must be selected, of which:

- 4 elective units must be selected from Group A Technical units
- 4 elective units must be selected from Group B Support units
- 2 units may be selected from the remaining listed elective units or from any currently endorsed training package qualification or accredited course at Certificate IV or Diploma level.

Elective units must be relevant to the work environment and the qualification, maintain the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome.

Core Units

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BSBSUS401 Implement and monitor environmentally sustainable work
practices
ICPKNW3220 Develop and apply knowledge of printing and graphic arts
industry
ICPSUP4160 Manage quality in a production environment
ICPSUP4600 Manage a safe work environment
ICPSUP4620 Facilitate communication in the workplace
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Elective units

Group A Technical units

Converting, binding and finishing

ICPCBF465 Set up and produce hand-bound book

ICPCBF467 Restore books

ICPCBF303 Run and monitor envelope manufacturing machines ICPCBF3410 Set up machine for complex sequenced or multiple folding ICPCBF3430 Set up machine for complex collating ICPCBF3910 Use electronic monitoring systems (converting and finishing)

ICPCBF3950 Set up and operate folder gluer machine

TLIA2041 Manually sort mail and parcels

Digital media technologies

CUAANM302 Create 3D digital animations

CUAANM303 Create 3D digital models

CUAANM401* Create advanced 3D digital models

CUACMP311 Implement copyright arrangements

CUADIG304 Create visual design components

CUADIG401 Author interactive media

CUADIG403 Create user interfaces

CUADIG501 Coordinate the testing of interactive media products

CUADIG503 Design e-learning resources

CUADIG504 Design games

CUADIG505 Design information architecture

ICTDBS504 Integrate database with a website

ICPDMT2630 Access and use the Internet

ICPDMT3210 Capture digital images

ICPDMT3220 Edit digital images

ICTNWK414 Create a common gateway interface script

ICTWEB419 Develop guidelines for uploading information to a website

ICTWEB429 Create a markup language document to specification

ICTWEB502 Create dynamic web pages

ICTWEB506 Develop complex cascading style sheets

ICTWEB510 Analyse information and assign meta tags

Printing

ICPPRN284 Use colour management systems

ICPPRN3820 Produce and manage complex digital print

ICPPRN3840 Set up and produce basic digital print

ICPPRN3850 Apply software applications to digital production

ICPPRN3870* Use colour management for production

ICPPRN4110 Mount and demount flexographic plates for complex printing

ICPPRN4130 Set up for complex flexographic printing

ICPPRN4140 Produce specialised flexographic printed product

ICPPRN4210 Set up for complex gravure printing

ICPPRN4310 Set up for complex lithographic printing

ICPPRN4410 Set up for complex pad printing

ICPPRN4510 Set up for complex relief printing

ICPPRN4840 Prepare for variable data printing

ICPPRN4930 Set up and monitor in-line printing operations

ICPPRN4940* Apply advanced software applications to digital production

ICPPRN4950* Set up and use complex colour management for production

ICPPRN4960* Set up and produce complex digital print

ICPPRN4970 Work with digital information

ICPPRN4980 Adapt digital content for publication on different devices

Pre-press

ICPPRP411* Undertake a complex design brief

ICPPRP2110 Develop basic design concepts

ICPPRP2210 Select and apply type

ICPPRP2520 Output images

ICPPRP2840 Produce PDF files for online and screen display

ICPPRP3110* Develop detailed design concepts

ICPPRP3240 Create pages using page layout applications

ICPPRP3250 Create graphics using graphics applications

ICPPRP3340 Prepare imposition format for printing processes

ICPPRP3850 Operate databases for digital printing

ICPPRP3960* Generate high-end PDF files

ICPPRP4210* Compose and evaluate typography

ICPPRP422 Digitise complex images for reproduction

ICPPRP4300 Manage colour

ICPPRP4350 Generate complex imposition

ICPPRP4840 Set up and operate automated workflow

ICPPRP4940* Develop document content and structure

Group B Support units

AUMAQA001 Apply quality assurance techniques

BSBCUS401 Coordinate implementation of customer service strategies

BSBINN301 Promote innovation in a team environment

BSBIPR601 Develop and implement strategies for intellectual property management

BSBLDR403 Lead team effectiveness

BSBMGT402 Implement operational plan

BSBMGT403 Implement continuous improvement

BSBMKG413 Promote products and services

BSBPRO401 Develop product knowledge

BSBREL401 Establish networks

BSBREL402 Build client relationships and business networks

BSBSLS407 Identify and plan sales prospects

BSBSLS408 Present, secure and support sales solutions

BSBSUS501 Develop workplace policy and procedures for sustainability

BSBWOR404 Develop work priorities

BSBWOR501 Manage personal work priorities and professional development

ICPSUP351 Undertake basic production scheduling

ICPSUP352 Plan operational processes

ICPSUP482 Troubleshoot and optimise materials and machinery

ICPSUP488 Ensure process improvements are sustained

ICPSUP553 Prepare production costing estimates

MSMSUP390 Use structured problem-solving tools

ICPCBF3910 Use electronic monitoring systems (converting and finishing)

ICPPRN4930 Set up and monitor in-line printing operations

ICPSUP2020 Prepare, load and unload product on and off machine

ICPSUP2030 Prepare and maintain the work area

ICPSUP2160 Inspect quality against required standards in a production environment

ICPSUP2430 Reconcile process outputs

ICPSUP2820 Undertake basic machine maintenance

ICPSUP3420 Undertake inventory procedures

ICPSUP3570 Apply quick changeover procedures

MSS403010 Facilitate change in an organisation implementing competitive systems and practices

MSS403040 Facilitate and improve implementation of 5S

MSMENV472 Implement and monitor environmentally sustainable work practices

TAEASS402 Assess competence

TAEDEL402 Plan, organise and facilitate learning in the workplace

*Note the following prerequisite unit requirements:

Unit in this qualification	Prerequisite unit
CUAANM401 Create advanced 3D digital models	CUAANM303 Create 3D digital models
ICPPRP411 Undertake a complex design brief	ICPPRP3110 Develop detailed design concepts
ICPPRN3870 Use colour management for production	ICPPRN284 Use colour management systems
ICPPRN4940 Apply advanced software applications to digital production	ICPPRN3850 Apply software applications to digital production
ICPPRN4950 Set up and use complex colour	ICPPRN3870 Use colour management for

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Unit in this qualification	Prerequisite unit
management for production	production
ICPPRN4960 Set up and produce complex digital print	ICPPRN3840 Set up and produce basic digital print
ICPPRP3110 Develop detailed design concepts	ICPPRP2110 Develop basic design concepts
ICPPRP3960 Generate high-end PDF files	ICPPRP2840 Produce PDF files for online and screen display
ICPPRP4210 Compose and evaluate typography	ICPPRP2210 Select and apply type
ICPPRP4940 Develop document content and structure	ICPPRP3960 Generate high-end PDF files

Qualification Mapping Information

No equivalent qualification. Supersedes but is not equivalent to ICP40115 Certificate IV in Printing and Graphic Arts.

Links

Companion Volume Implementation Guide is found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d