



**Australian Government**

# **ICP50115 Diploma of Printing and Graphic Arts**

**Release 3**

# ICP50115 Diploma of Printing and Graphic Arts

## Modification History

Release	Comments
Release 3	This version was released with ICP Printing and Graphic Arts Training Package Version 3.0. Updates to elective unit list.
Release 2	This version released with ICP Printing and Graphic Arts Training Package Version 2.0. Version created to update unit list.
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

## Qualification Description

This qualification applies to individuals who possess a sound theoretical knowledge in the printing and graphic arts industry and are responsible for production workflow.

They analyse and evaluate information from a variety of sources and are involved in planning, scheduling and the supervision of labour, machines, and materials for production. They provide leadership and guidance to others with responsibility for the output of others.

### *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 = 20 units

**4 core units**, plus

**16 elective units** of which:

- 13 elective units must be from Groups A, B, C, D, E or F
- the remaining 3 elective units may be selected from the remaining elective units or from any endorsed training package or accredited course at Certificate IV level or higher.

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.

Refer to the Companion Volume Implementation Guide for advice about choosing electives to support specialisations in particular sectors of the printing and graphics arts industry.

#### Core units

BSBSUS501 Develop workplace policy and procedures for sustainability

ICPSUP216 Inspect quality against required standards

ICPSUP260 Maintain a safe work environment

ICPSUP262 Communicate in the workplace

#### Elective units

##### Group A

Converting, binding and finishing

ICPCBF381 Set up machine for complex laminating

ICPCBF382 Produce complex laminated product

ICPCBF391 Use electronic monitoring systems (converting and finishing)

##### Group B

Digital media technologies

CUAANM302 Create 3D digital animations

CUAANM401\* Create advanced 3D digital animations

CUAANM403 Create titles for screen productions

CUAANM503 Design animation and digital visual effects

CUACMP301 Implement copyright arrangements

CUADIG302 Author interactive sequences

CUADIG401 Author interactive media

CUADIG502 Design web environments

CUADIG503 Design e-learning resources

CUADIG504 Design games

CUADIG505 Design information architecture

ICPDMT491\* Create an extensible document

ICPDMT492\* Create an extensible style sheet

ICPDMT581 Manage multimedia production

ICPDMT582 Manage multimedia projects

ICTDBS504 Integrate database with a website

ICTWEB429 Create a markup language document to specification

## ICTWEB510 Analyse information and assign meta tags

### Group C

#### Pre-press

- ICPPRP284 Produce PDF files for online or screen display
- ICPPRP322 Digitise images for reproduction
- ICPPRP334 Prepare an imposition format for printing processes
- ICPPRP352 Output complex images
- ICPPRP370 Make multiple image plates
- ICPPRP385 Operate a database for digital printing
- ICPPRP396\* Generate high-end PDF files
- ICPPRP397 Transfer digital files
- ICPPRP422 Digitise complex images for reproduction
- ICPPRP430 Manage colour
- ICPPRP435 Generate complex imposition
- ICPPRP452\* Output complex images direct to plate or press
- ICPPRP484 Set up and operate automated workflow
- ICPPRP485\* Develop a digital data template
- ICPPRP494\* Develop document content and structure

### Group D

#### Printing

- ICPPRN382 Produce and manage complex digital print
- ICPPRN383 Prepare for personalised digital printing
- ICPPRN384 Set up and produce basic digital print
- ICPPRN414 Produce specialist flexographic printed product
- ICPPRN422 Produce specialist gravure printed product
- ICPPRN432 Produce specialist lithographic printed product
- ICPPRN442 Produce specialist pad printed product
- ICPPRN452 Produce specialist relief printed product
- ICPPRN471 Set up for complex coating
- ICPPRN472 Produce complex coated product
- ICPPRN484 Prepare for variable data printing
- ICPPRN491 Use on-press monitoring of print quality
- ICPPRN492 Use on-press print control devices
- ICPPRN493 Set up and monitor in-line printing operations
- ICPPRN496\* Set up and produce complex digital print
- ICPPRN513 Set up for specialist flexographic printing

ICPPRN521 Set up for specialist gravure printing  
ICPPRN531 Set up for specialist lithographic printing  
ICPPRN541 Set up for specialist pad printing  
ICPPRN551 Set up for specialist relief printing  
ICPPRN552 Manage digital production workflow

## Group E

### Screen printing

ICPSCP351 Prepare machine and drying/curing unit  
ICPSCP374 Operate a semi-automatic screen printing machine  
ICPSCP382 Produce computer image for screen printing

## Group F

### Support

BSBCUS401 Coordinate implementation of customer service strategies  
BSBCUS501 Manage quality customer service  
BSBDES601 Manage design realisation  
BSBLDR403 Lead team effectiveness  
BSBMGT402 Implement operational plan  
BSBMGT403 Implement continuous improvement  
BSBMGT517 Manage operational plan  
BSBMGT516 Facilitate continuous improvement  
BSBMGT608 Manage innovation and continuous improvement  
BSBMKG401 Profile the market  
BSBMKG413 Promote products and services  
BSBMKG501 Identify and evaluate marketing opportunities  
BSBPMG409 Apply project scope management techniques  
BSBREL401 Establish networks  
BSBREL402 Build client relationships and business networks  
BSBSLS501 Develop a sales plan  
BSBSMB402 Plan small business finances  
BSBSMB403 Market the small business  
BSBSMB404 Undertake small business planning  
BSBWOR404 Develop work priorities  
BSBWOR501 Manage personal work priorities and professional development  
BSBWOR502 Lead and manage team effectiveness  
ICPKNW322 Develop knowledge of printing and graphic arts industry  
ICPSUP216 Inspect quality against required standards  
ICPSUP351 Undertake basic production scheduling

ICPSUP455 Supervise and schedule work of others  
 ICPSUP458\* Monitor production workflow  
 ICPSUP464 Provide customer service and education  
 ICPSUP485 Implement a Just-in-Time system  
 ICPSUP487 Analyse manual handling processes  
 ICPSUP488 Ensure process improvements are sustained  
 ICPSUP516 Set and apply quality standards  
 ICPSUP553 Prepare production costing estimates  
 ICPSUP554 Manage teams  
 ICPSUP561 Implement and monitor WHS  
 ICPSUP583 Troubleshoot and optimise production processes  
 ICPSUP684 Determine and improve process capability  
 MSS403010A Facilitate change in an organisation implementing competitive systems and practices  
 MSS403040A Facilitate and improve implementation of 5S  
 MSS405021A Develop a Just in Time system  
 MSAENV472B Implement and monitor environmentally sustainable work practices  
 MSAPMSUP390A Use structured problem solving tools  
 SIRXCCS006A Maintain business to business relationships  
 TAEASS402A Assess competence  
 TAEDEL402A 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
ICPDMT491 Create an extensible document	ICTWEB429 Create a markup language document to specification
ICPDMT492 Create an extensible style sheet	ICTWEB429 Create a markup language document to specification
ICPPRP396 Generate high-end PDF files	ICPPRP284 Produce PDF files for online or screen display
ICPPRP452 Output complex images direct to plate or press	ICPPRP352 Output complex images
ICPPRP485 Develop a digital data template	ICPPRP385 Operate a database for digital printing

ICPPRP494 Develop document content and structure	ICPPRP396 Generate high-end PDF files
ICPPRN496 Set up and produce complex digital print	ICPPRN384 Set up and produce basic digital print
ICPSUP458 Monitor production workflow	ICPSUP216 Inspect quality against required standards

## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICP50115 Diploma of Printing and Graphic Arts (Release 3)	ICP50115 Diploma of Printing and Graphic Arts (Release 2)	Updated unit list	Equivalent qualification

## Links

Companion Volume Implementation Guides are available from VETNet -

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