



Australian Government

Department of Education, Employment and Workplace Relations

ICP50310 Diploma of Printing and Graphic Arts (Printing)

Release: 2

ICP50310 Diploma of Printing and Graphic Arts (Printing)

Modification History

Release	Comments
Release 2	This version released with <i>ICP10 Printing and Graphic Arts Training Package version 2.0</i>. Imported elective units updated with the most current equivalent.
Release 1	This Qualification first released with <i>ICP10 Printing and Graphic Arts Training Package version 1.0</i>.

Description

This qualification reflects the role of individuals who possess a sound theoretical knowledge base and use a range of specialised, technical or managerial competencies to plan, carry out and evaluate own work and/or that of a team. They prepare material, set up, monitor, run equipment and machinery and develop and apply production processes and procedures in the printing industry. Typically they provide leadership and guidance to others and have significant responsibility for the output of others.

Job Roles

- Print machinist (technician)
- Production controller

Pathways Information

Pathways into the qualification

Candidates may enter the qualification with limited or no vocational experience and without a relevant lower level qualification. However, the preferred pathway for candidates entering this qualification is:

- ICP40310 Certificate IV in Printing and Graphic Arts (Printing).

Licensing/Regulatory Information

There is no direct link between this qualification and licensing, legislative and/or regulatory requirements. However, where required, a unit of competency will specify relevant licensing, legislative and/or regulatory requirements that impact on the unit.

Units in Qualification with Prerequisites

Code and title	Prerequisite units required
ICPSU458C Monitor production workflow	ICPSU216C Inspect quality against required standards
ICPPP396A Generate high-end PDF files	ICPPP284B Produce PDF files for online or screen display
ICPPP452C Output complex images direct to plate or press	ICPPP352C Output complex images
ICPPR496A Set up and produce complex digital print	ICPPR384A Set up and produce basic digital print

Entry Requirements

There are no entry requirements for this qualification.

Employability Skills Summary

The following table contains a summary of the Employability Skills required for this qualification. The Employability Skills facets described here are broad industry requirements that may vary depending on qualification packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	- liaising with stakeholders and other personnel about the causes of systemic variation - reading and interpreting job requirements from the production control system
Teamwork	maintaining the production sequence in association with others
Problem solving	- determining possible methods for reworking unsatisfactory product - determining the criteria for product rejection in consultation with the operator and the client
Initiative and enterprise	being alert to potential problems and areas for improvement
Planning and organising	- developing plans to improve process capability - setting up for specialised lithographic and flexographic printing
Self-management	- communicating in a logical and easily understood manner - following occupational health and safety (OHS) policies and procedures
Learning	- providing information and training about OHS - recognising gaps in the competency of team members and developing improvement solutions
Technology	using printing equipment and experimenting with substrate and press settings

Packaging Rules

Total number of units = 20 units

4 core units *plus*

6 elective units from Group A *plus*

10 elective units from Group B or Group C.

Up to **2 elective units** from Group A can be substituted with Group B or Group C elective units listed below.

7 elective units must be selected from the Group B or Group C elective units listed below.

At least **1 set of 2 units** must be chosen from the Group B elective units.

Up to **3 elective units** may be selected from the remaining elective units or from other qualifications at the same qualification level or one level higher in this Training Package or any other endorsed Training Package or accredited course.

Elective units must be relevant to the qualification level, job role, work outcome and industry requirements. Unit selection is by negotiation and mutual agreement between the employee, employer and the RTO and is based on enterprise and individual needs.

Core Units

BSBSUS501A Develop workplace policy and procedures for sustainability

ICPSU216C Inspect quality against required standards

ICPSU260C Maintain a safe work environment

ICPSU262C Communicate in the workplace

Group A Elective Units

BSBMGT516C Facilitate continuous improvement

BSBWOR501B Manage personal work priorities and professional development

ICPSU351C Undertake basic production scheduling

ICPSU458C Monitor production workflow

ICPSU516C Set and apply quality standards

ICPSU553C Prepare production costing estimates

ICPSU583C Troubleshoot and optimise production processes

ICPSU684C Determine and improve process capability

Group B Elective Units

Set 1

ICPPR414C Produce specialist flexographic printed product *and*

ICPPR513C Set up for specialist flexographic printing

Set 2

ICPPR422C Produce specialist gravure printed product *and*

ICPPR521C Set up for specialist gravure printing

Set 3

ICPPR432C Produce specialist lithographic printed product *and*

ICPPR531C Set up for specialist lithographic printing

Set 4

ICPPR442C Produce specialist pad printed product *and*

ICPPR541C Set up for specialist pad printing

Set 5

ICPPR452C Produce specialist relief printed product *and*

ICPPR551C Set up for specialist relief printing

Group C Elective Units

BSBCUS501C Manage quality customer service

BSBMGT608C Manage innovation and continuous improvement

BSBMKG501B Identify and evaluate marketing opportunities

BSBSMB402A Plan small business finances

BSBSMB404A Undertake small business planning

ICAWEB429A Create a markup language document to specification

ICPCF381C Set up machine for complex laminating

ICPCF382C Produce complex laminated product

ICPPP284B Produce PDF files for online or screen display

ICPPP334C Prepare an imposition format for printing processes

ICPPP352C Output complex images

ICPPP370C Make multiple image plates

ICPPP385C Operate a database for digital printing

ICPPP396A Generate high-end PDF files

ICPPP397A Transfer digital files

ICPPP452C Output complex images direct to plate or press

ICPPP484C Set up and operate automated workflow

ICPPR382C Produce and manage complex digital print

ICPPR383C Prepare for personalised digital printing

ICPPR384A Set up and produce basic digital print

ICPPR471C Set up for complex coating

ICPPR472C Produce complex coated product

ICPPR484C Prepare for variable data printing

ICPPR496A Set up and produce complex digital print

MSACMC410A Lead change in a manufacturing environment

MSACMT440A Lead 5S in a manufacturing environment

MSAENV472B Implement and monitor environmentally sustainable work practices

MSAPMSUP390A Use structured problem solving tools