Australian Government

Department of Education, Employment and Workplace Relations

ICP50310 Diploma of Printing and Graphic Arts (Printing)

Revision Number: 1

ICP50310 Diploma of Printing and Graphic Arts (Printing)

Modification History

Not applicable.

Description

Descriptor
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

Qualification Pathways
Entry requirements
There are no entry requirements for this qualification.

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).
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Licensing/Regulatory Information

Licensing, **legislative**, **regulatory or certification considerations**
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.

Prerequisite Units

Code and title	Prerequisite units required
ICPSU458C Monitor production workflow	ICPSU216C Inspect quality against required standards
ICPPP396A Generate high-end PDF files	ICPPP284A 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	ICPPR384A Set up and produce basic

Code and title	Prerequisite units required
digital print	digital print

Entry Requirements

Not applicable.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
ICP50310 Diploma of Printing and Graphic Arts (Printing)	
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

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**.

Packaging Rules

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.

Packaging Rules

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

BSBMGT516A Facilitate continuous improvement
BSBWOR501A 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

BSBCCO201A Action customer contact
BSBCUS501A Manage quality customer service
BSBMGT516A Facilitate continuous improvement
BSBMGT608B Manage innovation and continuous improvement
BSBMKG501B Identify and evaluate marketing opportunities
BSBSMB402A Plan small business finances
BSBSMB404A Undertake small business planning
ICAB4135B Create a simple mark-up language document to specification
ICPCF381C Set up machine for complex laminating
ICPCF382C Produce complex laminated product
ICPPP396A Generate high-end PDF files
ICPPP334C Prepare an imposition format for printing processes
ICPPP352C Output complex images

Packaging Rules	
ICPPP370C	Make multiple image plates
ICPPP385C	Operate a database for digital printing
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
ICPPR471C	Set up for complex coating
ICPPR472C	Produce complex coated product
ICPPR496A	Set up and produce complex digital print
ICPPR484C	Prepare for variable data printing
MSACMC410A	Lead change in a manufacturing environment
MSACMT440A	Lead 5S in a manufacturing environment
MSAENV472A	Implement and monitor environmentally sustainable work practices
MSAPMSUP390A	Use structured problem solving tools