Australian Government

Department of Education, Employment and Workplace Relations

ICP50110 Diploma of Printing and Graphic Arts (Digital Production)

Release: 2

ICP50110 Diploma of Printing and Graphic Arts (Digital Production)

Modification History

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

Description

This qualification applies to individuals who possess a sound theoretical knowledge in and are responsible for digital 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 digital production. They provide leadership and guidance to others with responsibility for the output of others.

Job Roles

- 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:

- ICP40110 Certificate IV in Printing and Graphic Arts (Graphic Pre-press).

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
ICPMM491D Create an extensible document	ICAWEB429A Create a markup language document to specification
ICPMM492D Create an extensible style sheet	ICAWEB429A Create a markup language document to specification
ICPPP396A Generate high-end PDF files	ICPPP284B Produce PDF files for online or screen display
ICPPP452C Output complex image direct to plate or press	ICPPP352C Output complex images
ICPPP485C Develop a digital data template	ICPPP385C Operate a database for digital printing
ICPPR496A Set up and produce complex digital print	ICPPR384A Set up and produce basic digital print
ICPSU458C Monitor production workflow	ICPSU216C Inspect quality against required standards

Entry Requirements

There are no entry requirements for this qualification.

Innovation and Business Skills Australia

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	• consulting with staff and documenting recommendations to increase efficiency • interpreting the design brief and clarifying it with the client
Teamwork	• maintaining the production sequence in association with others • obtaining feedback from production workers
Problem solving	• adjusting costings based on discrepancies between the estimated and actual costings
Initiative and enterprise	• continuously evaluating production processes and recommending changes to make efficiency gains
Planning and organising	• ensuring the scan procedure is in the right sequence • matching the constraints of production to the design brief • setting up and operating automated workflow
Self-management	• communicating in a logical and easily understood manner • using discretion and confidentiality when dealing with clients
Learning	• consulting with staff and documenting recommendations to increase efficiency • interpreting the design brief and clarifying it with the client
Technology	• maintaining the production sequence in association with others • obtaining feedback from production workers

Packaging Rules

Total number of units = 21 units
4 core units *plus*
10 elective units from Group A *plus*
7 elective units from Group B.

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

4 elective units must be selected from the Group B elective units listed below.

Up to **3 Group B 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

BSBCUS501C Manage quality customer service
ICAWEB429A Create a markup language document to specification
ICPKN320C Apply knowledge and requirements of information technology systems in the printing industry **OR**
ICPKN321A Apply knowledge and requirements of digital production
ICPPP322C Digitise images for reproduction
ICPPP352C Output complex images
ICPPP385C Operate a database for digital printing
ICPPR496A Set up and produce complex digital print
ICPPP484C Set up and operate automated workflow
ICPPP485C Develop a digital data template
ICPPR484C Prepare for variable data printing
ICPPR552A Manage digital production workflow
ICPSU351C Undertake basic production scheduling
ICPSU553C Prepare production costing estimates
ICPSU583C Troubleshoot and optimise production processes
MSACMT621A Develop a just-in-time (JIT) system

Group B Elective Units

BSBMGT516C Facilitate continuous improvement
BSBSMB402A Plan small business finances
BSBSMB404A Undertake small business planning
BSBSUS501A Develop workplace policy and procedures for sustainability
ICPCF381C Set up machine for complex laminating
ICPCF382C Produce complex laminated product
ICPCF391C Use electronic monitoring systems (converting and finishing)
ICPMM491D Create an extensible document
ICPMM492D Create an extensible style sheet
ICPPP284B Produce PDF files for online or screen display
ICPPP334C Prepare an imposition format for printing processes
ICPPP370C Make multiple image plates
ICPPP385C Operate a database for digital printing
ICPPP396A Generate high-end PDF files
ICPPP397A Transfer digital files
ICPPP422C Digitise complex images for reproduction
ICPPP430C Manage colour
ICPPP435C Generate complex imposition
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
ICPPR491C Use on-press monitoring of print quality
ICPPR492C Use on-press print control devices
ICPPR493C Set up and monitor in-line printing operations
ICPSP351C Prepare machine and drying/curing unit
ICPSP374C Operate a semi-automatic screen printing machine
ICPSP382C Produce computer image for screen printing
ICPSU216C Inspect quality against required standards
ICPSU351C Undertake basic production scheduling
ICPSU455C Supervise and schedule work of others
ICPSU458C Monitor production workflow
ICPSU485C Implement a just-in-time (JIT) system
ICPSU488C Ensure process improvements are sustained
ICPSU553C Prepare production costing estimates
ICPSU583C Troubleshoot and optimise the production process
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
TAEASS402B Assess competence
TAEDEL402A Plan, organise and facilitate learning in the workplace