



Australian Government

Department of Education, Employment and Workplace Relations

ICP50110 Diploma of Printing and Graphic Arts (Digital Production)

Revision Number: 1

ICP50110 Diploma of Printing and Graphic Arts (Digital Production)

Modification History

Not applicable.

Description

Descriptor

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

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:

- ICP40110 Certificate IV in Printing and Graphic Arts (Graphic Pre-press).
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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
ICPMM491C Create an extensible document	ICAB4135B Create a simple mark-up language document to specification
ICPMM492C Create an extensible style sheet	ICAB4135B Create a simple mark-up language document to specification
ICPPP396A Generate high-end PDF files	ICPPP284A Produce PDF files for online or screen display
ICPPP452C Output complex image direct to plate or press	ICPPP352C Output complex images

Code and title	Prerequisite units required
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

Not applicable.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
ICP50110 Diploma of Printing and Graphic Arts (Digital Production)	
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	<ul style="list-style-type: none"> consulting with staff and documenting recommendations to increase efficiency interpreting the design brief and clarifying it with the client
Teamwork	<ul style="list-style-type: none"> maintaining the production sequence in association with others obtaining feedback from production workers
Problem solving	<ul style="list-style-type: none"> adjusting costings based on discrepancies between the estimated and actual costings
Initiative and enterprise	<ul style="list-style-type: none"> continuously evaluating production processes and recommending changes to make efficiency gains
Planning and organising	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> communicating in a logical and easily understood manner using discretion and confidentiality when dealing with clients
Learning	<ul style="list-style-type: none"> consulting with staff and documenting recommendations to increase efficiency interpreting the design brief and clarifying it with the client
Technology	<ul style="list-style-type: none"> maintaining the production sequence in association with others obtaining feedback from production workers

Packaging Rules

Packaging Rules
<p>Total number of units = 21 units 4 core units, plus 10 elective units from Group A, plus 7 elective units from Group B.</p> <p>Up to 2 elective units from Group A can be substituted with Group B elective units listed below.</p>

Packaging Rules

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

BSBCUS501A Manage quality customer service
 ICAB4135B Create a simple mark-up 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 the production processes
 MSACMT621A Develop a just-in-time (JIT) system

Group B Elective Units

BSBMGT516A 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)

Packaging Rules

ICPMM491C	Create an extensible document
ICPMM492C	Create an extensible style sheet
ICPPP284A	Produce PDF files for online or screen display
ICPPP396A	Generate high-end PDF files
ICPPP334C	Prepare an imposition format for printing processes
ICPPP370C	Make multiple image plates
ICPPP385C	Operate a database for digital printing
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
MSAENV472A	Implement and monitor environmentally sustainable work practices
MSAPMSUP390A	Use structured problem solving tools
TAAASS402C	Assess competence
TAADEL301C	Provide training through instruction and demonstration of work skills
TAADEL404B	Facilitate work-based learning