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

Release: 2

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

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 working in the graphic pre-press sector of the printing and graphic arts industry. They design layouts and assemble text and graphics into page formats for printing, apply solutions to a defined range of problems associated with the reproduction of images for the print medium and analyse and evaluate information from a variety of sources. They may also take responsibility for production flow and provide leadership and guidance to others with some limited responsibility for the output of others.

Job Roles

- Pre-press technician
- Production controller

Pathways Information

Pathways into the qualification

The completion of all units of competency (core and electives) necessary for the award of ICP30212 Certificate III in Printing and Graphic Arts (Graphic Pre-press), or equivalent vocational competencies.

Pathways from the qualification

At the completion of this qualification candidates could choose to enter a:

- ICP50110 Diploma of Printing and Graphic Arts (Digital Production)
- ICP50410 Diploma of Printing and Graphic Arts (Management/Sales)
- ICP50510 Diploma of Printing and Graphic Arts (Process Improvement).

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
ICPMM492D Create an extensible style sheet	ICAWEB429A Create a markup language document to specification
ICPPP411C Undertake a complex design brief	ICPPP311C Develop a detailed design concept.
ICPPP421C Compose and evaluate typography	ICPPP221C Select and apply type
ICPPP485C Develop a digital data template	ICPPP385C Operate a database for digital printing

Entry Requirements

This qualification requires the completion of all units of competency (core and electives) necessary for the award of ICP30212 Certificate III in Printing and Graphic Arts (Graphic Pre-press), or equivalent vocational competencies.

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	• conveying and handling information • giving and following simple instructions • participating in work teams and consulting with clients about printing specifications
Teamwork	• consulting with designers, printers and clients to ensure production and final user requirements have been met
Problem solving	• identifying hazards and reporting them • tuning and adjusting machinery to ensure highest quality and yield • selecting production criteria to ensure client needs are met • evaluating and proofing own work
Initiative and enterprise	• finding information from a variety of sources • suggesting improvements and experimenting with materials to extend their use and meet efficiency targets • transferring skills to new environments
Planning and organising	• determining a plan of action to ensure deadlines are met • organising information clearly, concisely and logically
Self-management	• showing leadership in the resolution of problems • using discretion and confidentiality when dealing with clients • using personal protective equipment • using time efficiently to met production schedules and deadlines
Learning	• giving instructions that are accurate, clear, concise, comprehensive and consistent with the skills of the receiver • providing technical advice
Technology	• selecting and using special purpose tools, equipment and industry software packages • tuning and adjusting machinery

Packaging Rules

Total number of units = 10 units
8 elective units from Group A *plus*
2 elective units from Group B.

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

The **2 Group B elective unit** may be selected from the remaining elective units or from 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.

Group A Elective Units

AUM4012A Apply quality assurance techniques
ICPPP252C Output images
ICPPP311C Develop a detailed design concept
ICPPP352C Output complex images
ICPPP421C Compose and evaluate typography
ICPPP430C Manage colour
ICPPP435C Generate complex imposition
ICPPP484C Set up and operate automated workflow
ICPPR387A Use colour management for production

Group B Elective Units

BSBCUS401B Coordinate implementation of customer service strategies
BSBMGT402A Implement operational plan
BSBSUS501A Develop workplace policy and procedures for sustainability
BSBWOR402A Promote team effectiveness
ICAWEB409A Develop cascading style sheets
ICPMM321C Capture a digital image
ICPMM322C Edit a digital image
ICPMM492D Create an extensible style sheet
ICPPP221C Select and apply type
ICPPP385C Operate a database for digital printing
ICPPP411C Undertake a complex design brief
ICPPP422C Digitise complex images for reproduction
ICPPP452C Output complex images direct to plate or press
ICPPP485C Develop a digital data template
ICPPR484C Prepare for variable data printing
ICPSU482C Troubleshoot and optimise materials and machinery
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