



Australian Government

Department of Education, Employment and Workplace Relations

ICP30610 Certificate III in Printing and Graphic Arts (Screen Printing)

Revision Number: 1

ICP30610 Certificate III in Printing and Graphic Arts (Screen Printing)

Modification History

Not applicable.

Description

Descriptor

This qualification applies to individuals working as screen printers in the printing and graphic arts industry. They set up and operate power driven or hand-operated, screen printing machines to create visual images. They may also provide leadership and guidance to others with some limited responsibility for the output of others.

Job Roles

Screen printer and stencil preparer

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 one of the following qualifications:

- ICP20110 Certificate II in Printing and Graphic Arts (General)
- ICP20210 Certificate II in Printing and Graphic Arts (Desktop Publishing)
- ICP20410 Certificate II in Printing and Graphic Arts (Print Production Support)
- ICP20510 Certificate II in Printing and Graphic Arts (Screen Printing).

Pathways from the qualification

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

- ICP40610 Certificate IV in Printing and Graphic Arts (Management/Sales)
- ICP40710 Certificate IV in Printing and Graphic Arts (Process Leadership).
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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
ICPPP311C Develop a detailed design concept	ICPPP211C Develop a basic design concept

Code and title	Prerequisite units required
ICPPP321C Produce a typographic image	ICPPP221C Select and apply type
ICPSU311C Prepare ink and additives (advanced)	ICPSU211C Prepare ink and additives

Entry Requirements

Not applicable.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

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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"> • negotiating requirements and methods of production with clients • reading and interpreting job requirements • using printing industry terminology and vocabulary correctly and accurately
Teamwork	<ul style="list-style-type: none"> • operating production processes in association with fellow workers according to the planned daily schedule • working with clients to decide on the best printing processes
Problem solving	<ul style="list-style-type: none"> • conducting a proof run, inspecting and testing the proof for quality and adjusting the printing machinery to ensure the product meets quality criteria • monitoring production quality and making minor adjustments to processes
Initiative and enterprise	<ul style="list-style-type: none"> • making recommendations on possible solutions when planning printing operations • monitoring trends in the printing industry to inform personal work practices
Planning and organising	<ul style="list-style-type: none"> • accessing data about machine capabilities, production processes and customer needs and using them in the planning process • selecting inks, additives and screens when planning for modified or new printing operations
Self-management	<ul style="list-style-type: none"> • following procedures and using personal protective equipment correctly
Learning	<ul style="list-style-type: none"> • demonstrating knowledge of company services, equipment capabilities, limitations and work flow • giving and following simple routine instructions
Technology	<ul style="list-style-type: none"> • using computerised control, monitoring and data entry systems • using information technology, such as computer hardware and software to access data from files

Packaging Rules

Packaging Rules

Total number of units = 21 units

4 core units, plus

11 elective units from Group A, plus

6 elective units from Group B, Group C or Group D.

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

At least **1 elective unit** must be selected from Group B and **1 elective unit** from Group C. The remaining elective units may be selected from Group B, Group C or Group D elective units.

Up to **2 elective units** 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.

Core Units

BSBSUS301A Implement and monitor environmentally sustainable work practices

ICPSU216C Inspect quality against required standards

ICPSU260C Maintain a safe work environment

ICPSU262C Communicate in the workplace

Group A Elective Units

ICPKN314C Apply knowledge and requirements of the screen printing sector

ICPPP382C Produce computer image for screen printing

ICPSP215C Prepare screen

ICPSP233C Manually prepare direct emulsion stencil

ICPSP311C Reclaim screen manually

ICPSU202C Prepare, load and unload product on and off machine

ICPSU203C Prepare and maintain the work area

ICPSU211C Prepare ink and additives

ICPSU263C Perform basic industry calculations

ICPSU281C Use computer systems

ICPSU352C Plan operational processes

ICPSU362C Communicate as part of a work team

Group B Elective Units

ICPSP235C Prepare stencil using photographic indirect method

Packaging Rules	
ICPSP337C	Prepare stencil using photographic capillary method
ICPSP282A	Prepare film for basic screen printing
ICPSP333C	Automatically prepare direct emulsion stencil
ICPSP339C	Prepare stencil using direct projection method
ICPSP341C	Prepare stencil using direct electronic imaging method
Group C Elective Units	
ICPSP371C	Manually produce complex screen prints OR
ICPSP373C	Semi-automatically produce complex screen prints OR
ICPSP376C	Operate an automatic screen printing machine OR
ICPSP374C	Operate a semi-automatic screen printing machine
Group D Elective Units	
ICPCF220C	Produce basic converted or finished product
ICPCF221C	Set up and produce basic guillotined product
ICPCF225C	Set up machine for basic flat-bed die cutting or embossing
ICPCF231C	Set up machine for basic flat-bed cutting
ICPPP211C	Develop a basic design concept
ICPPP221C	Select and apply type
ICPPP286A	Scan images for reproduction
ICPPP223C	Photograph a line image
ICPPP224C	Produce pages using a page layout application
ICPPP231C	Manually combine spot colour and basic four-colour images
ICPPP232C	Electronically combine and assemble data
ICPPP252C	Output images
ICPPP283C	Prepare artwork for screen printing
ICPPP311C	Develop a detailed design concept
ICPPP321C	Produce a typographic image
ICPPP322C	Digitise images for reproduction
ICPPP323C	Photograph and produce halftone images
ICPPP334C	Prepare an imposition format for printing processes
ICPPP352C	Output complex images
ICPPP422C	Digitise complex images for reproduction
ICPPP430C	Manage colour
ICPPR342C	Produce complex pad printed product
ICPPR382C	Produce and manage complex digital print
ICPPR441C	Set up for complex pad printing
ICPPR496A	Set up and produce complex digital print
ICPSP211C	Reclaim screen automatically
ICPSP221C	Prepare substrate
ICPSP271C	Manually produce basic screen prints
ICPSP273C	Semi-automatically produce basic screen prints
ICPSP275C	Automatically produce basic screen prints
ICPSP281C	Finish screen print products

Packaging Rules

ICPSP351C	Prepare machine and drying/curing unit
ICPSP383A	Prepare film for complex screen printing
ICPSU241C	Undertake warehouse or stores materials processing
ICPSU311C	Prepare ink and additives (advanced)
ICPSU321C	Pack and dispatch (advanced)
ICPSU323C	Dispose of waste
ICPSU351C	Undertake basic production scheduling
ICPSU381C	Operate and maintain computer resources
ICPSU464C	Provide customer service and education
MSACMC210A	Manage the impact of change on own work
MSACMS200A	Apply competitive manufacturing practices
MSACMS201A	Sustain process improvements
MSACMT230A	Apply cost factors to work practices
MSACMT240A	Apply 5S procedures in a manufacturing environment
MSACMT280A	Undertake root cause analysis
MSAPMSUP390A	Use structured problem solving tools