ICP: Printing and Graphic Arts

TRAINING PACKAGE

Version 4.1

WA NOMINAL HOURS GUIDE

Introduction

This Guide has been generated to enable the stakeholders in this Industry in Western Australia to participate in the managed implementation of the National ICP Printing and Graphic Arts Training Package.

This Guide is designed to aid Registered Training Organisations (RTOs) to convert from existing Training Package qualifications to new Training Package qualifications within the scope of their training delivery.

The Guide should be read in conjunction with the endorsed components of the Training Package

Version 4.1 of the ICP Printing and Graphic Arts was released by Training.Gov.Au (TGA) on the 20/07/2021

Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications in accordance with the Standards for RTOs. For further information visit the Training Accreditation Council website www.tac.wa.gov.au

Nominal Hours

Nominal hours are the hours of training notionally required to achieve the outcomes of units of competency.

Nominal hours are identified for nationally endorsed qualifications. Nominal hours may vary for a qualification depending on the selection of units of competency.

In Western Australia, nominal hours are used as a mechanism for funding allocation.

Contact Details

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Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in the industry.

National Code	National Title	Nominal Hours
ICP20120	Certificate II in Printing and Graphic Arts	390
ICP31220	Certificate III in Printing	905
ICP31320	Certificate III in Print Binding, Finishing and Packaging	805
ICP31420	Certificate III in Prepress Graphic Design Production	850
ICP40120	Certificate IV in Printing and Graphic Arts Management	715
ICP50120	Diploma of Printing and Graphic Arts Business Management	975

Skill Sets and Nominal Hours

The following table provides a summary of the skill sets and nominal hours in the industry.

National Code	National Title	Nominal Hours
ICPSS00001	Digital Fundamentals skill set	140
ICPSS00002	3D Print Fundamentals Skill Set	320
ICPSS00003	Digital Colour Skill Set	160
ICPSS00004	Advanced Digital Colour Skill Set	410
ICPSS00005	Digital Printing Skill Set	180
ICPSS00006	Gravure Printing Skill Set	180
ICPSS00007	Flexographic Printing Skill Set	180
ICPSS00008	Lithographic Printing Skill Set	190
ICPSS00009	Pad Printing Skill Set	160
ICPSS00010	Relief Printing Skill Set	180
ICPSS00011	Screen Printing Skill Set	60
ICPSS00012	Graphic Design for Print Skill Set	155

Units Of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in the industry.

National Code	National Title	Nominal Hours
ICPCBF2140	Set up single-faced web	20
ICPCBF2160	Set up double-faced web	20
ICPCBF2180	Produce basic folded and glued cartons	30
ICPCBF220	Produce basic converted or finished product	30
ICPCBF2210	Set up and produce basic guillotined product	30
ICPCBF2250	Set up machine for basic flat-bed die cutting or embossing	20
ICPCBF2260	Produce basic flat-bed die cut or embossed product	20
ICPCBF2270	Set up machine for basic rotary die cutting or embossing	30
ICPCBF228	Produce basic rotary die cut or embossed product	30
ICPCBF2310	Set up machine for basic flat-bed cutting	30
ICPCBF2320	Produce basic flat-bed cut product	20
ICPCBF2410	Set up machine for basic folding	30
ICPCBF2420	Produce basic folded product	30
ICPCBF2430	Set up machine for basic collating or inserting (sheet/section)	40
ICPCBF2440	Produce basic collated or inserted (sheet/section) product	40
ICPCBF2450	Set up and produce hand-collated or inserted product	30
ICPCBF2610	Set up machine for basic adhesive, mechanical or thermal fastening	30
ICPCBF2620	Produce basic adhesive, mechanical or thermal fastened product	30
ICPCBF2630	Set up and produce hand-fastened product	40
ICPCBF2810	Set up machine for basic laminating	30
ICPCBF2820	Produce basic laminated product	30
ICPCBF297	Clean sack and bag machines	10
ICPCBF2980	Run and monitor sack and bag machines	20

ICPCBF301	Run and monitor in-line bottom making machine for sack or bag manufacture	40
ICPCBF302	Set up and monitor in-line scoring, folding and gluing machine for sack or bag manufacture	30
ICPCBF303	Run and monitor envelope manufacturing machines	30
ICPCBF3050	Produce single-faced web	30
ICPCBF3060	Set up machine for basic carton folding and gluing	40
ICPCBF3070	Produce double-faced web	30
ICPCBF3090	Produce complex folded and glued cartons	60
ICPCBF3200	Produce complex converted or finished product	40
ICPCBF3210	Set up and produce complex guillotined product	50
ICPCBF3260	Undertake pre make-ready for die cutting	50
ICPCBF3270	Set up machine for complex rotary die cutting or embossing	50
ICPCBF3280	Produce complex rotary die cut or embossed product	20
ICPCBF3410	Set up machine for complex sequenced or multiple folding	50
ICPCBF3420	Produce complex sequenced or multiple folded product	50
ICPCBF3430	Set up machine for complex collating	60
ICPCBF3440	Produce complex collated or inserted product	60
ICPCBF3610	Set up machine for complex adhesive, mechanical or sewn fastening	50
ICPCBF3620	Produce complex adhesive, mechanical or sewn fastened product	50
ICPCBF3690	Set up and produce hand-made box	50
ICPCBF3710	Decorate paper	20
ICPCBF3810	Set up machine for complex laminating	50
ICPCBF3820	Produce complex laminated product	50
ICPCBF3910	Use electronic monitoring systems (converting and finishing)	50
ICPCBF3950	Set up and operate folder gluer machine	50
ICPCBF399	Set up in-line tube making machine for sack or bag manufacture	30
ICPCBF4100	Set up machine for complex carton folding and gluing	60
ICPCBF425	Set up machine for complex flat-bed die cutting or embossing	25
ICPCBF4260	Produce complex flat-bed die cut or embossed product	20

ICPCBF465	Set up and produce hand-bound book	70
ICPCBF467	Restore books	70
ICPDMT2630	Access and use the internet	20
ICPDMT2960	Create and test interactive storage devices	20
ICPDMT3210	Capture digital images	30
ICPDMT3220	Edit digital images	40
ICPDMT3440	Manipulate and incorporate audio into multimedia presentations	40
ICPDMT3460	Incorporate video into multimedia presentations	40
ICPDMT581	Manage multimedia production	35
ICPDMT582	Manage multimedia projects	35
ICPKNW3220	Develop and apply knowledge of the printing and graphic arts industry	80
ICPPRN2110	Mount and proof flexographic plates for basic printing	30
ICPPRN2140	Produce basic flexographic printed product	50
ICPPRN2220	Produce basic gravure printed product	50
ICPPRN2320	Produce basic lithographic printed product	50
ICPPRN2420	Produce basic pad printed product	30
ICPPRN2610	Set up for foil stamping	30
ICPPRN262	Produce foil stamped product	30
ICPPRN271	Set up for basic coating	30
ICPPRN272	Produce basic coated product	50
ICPPRN2820	Produce and manage basic digital print	50
ICPPRN2830	Use digital media consumables	25
ICPPRN284	Use colour management systems	25
ICPPRN2850	Use digital workflow	25
ICPPRN2860	Finish a digital product	25
ICPPRN2870	Use digital processes	25
ICPPRN2880	Produce basic relief printed product	50
ICPPRN3130	Set up for basic flexographic printing	30

ICPPRN3140	Produce complex flexographic printed product	50
ICPPRN3210	Set up for basic gravure printing	30
ICPPRN3220	Produce complex gravure printed product	50
ICPPRN3310	Set up for basic lithographic printing	30
ICPPRN3320	Produce complex lithographic printed product	60
ICPPRN3410	Set up for basic pad printing	30
ICPPRN3420	Produce complex pad printed product	50
ICPPRN3820	Produce and manage complex digital print	60
ICPPRN3830	Prepare for personalised digital printing	40
ICPPRN3840	Set up and produce basic digital print	50
ICPPRN3850	Apply software applications to digital production	45
ICPPRN3860	Troubleshoot digital media	70
ICPPRN3870	Use colour management for production	55
ICPPRN3880	Preflight and import complex images for digital devices	70
ICPPRN3890	Manage digital files	35
ICPPRN3900	Generate proofs for digital production	25
ICPPRN3920	Set up and produce specialised digital print	70
ICPPRN3930	Set up for basic relief printing	30
ICPPRN3940	Produce complex relief printed product	50
ICPPRN4110	Mount and demount flexographic plates for complex printing	50
ICPPRN4130	Set up for complex flexographic printing	50
ICPPRN4140	Produce specialised flexographic printed product	80
ICPPRN4210	Set up for complex gravure printing	50
ICPPRN4310	Set up for complex lithographic printing	50
ICPPRN4410	Set up for complex pad printing	50
ICPPRN4510	Set up for complex relief printing	50
ICPPRN4840	Prepare for variable data printing	50
ICPPRN4930	Set up and monitor in-line printing operations	50

ICPPRN4940	Apply advanced software applications to digital production	70
ICPPRN4950	Set up and use complex colour management for production	90
ICPPRN4960	Set up and produce complex digital print	60
ICPPRN4970	Work with digital information	65
ICPPRN4980	Adapt digital content for publication on different devices	65
ICPPRP2110	Develop basic design concepts	30
ICPPRP2210	Select and apply type	30
ICPPRP224	Produce pages using a page layout application	60
ICPPRP2250	Produce graphics using graphics applications	60
ICPPRP2320	Electronically combine and assemble data for page layouts	60
ICPPRP2520	Output images	30
ICPPRP2600	Proof images	30
ICPPRP2660	Produce relief plates	30
ICPPRP2670	Produce offset lithographic plates	30
ICPPRP2680	Produce flexographic photopolymer plates	30
ICPPRP281	Design basic carton	30
ICPPRP2840	Produce PDF files for online and screen display	55
ICPPRP2860	Scan images for reproduction	30
ICPPRP2970	Transfer digital files	40
ICPPRP3110	Develop detailed design concepts	30
ICPPRP3210	Produce typographic images	50
ICPPRP3220	Digitise images for reproduction	50
ICPPRP3240	Create pages using page layout applications	60
ICPPRP3250	Create graphics using graphics applications	60
ICPPRP333	Electronically combine complex images	60
ICPPRP3340	Prepare imposition format for printing processes	50
ICPPRP3820	Produce computer images for screen printing	40
ICPPRP3850	Operate databases for digital printing	50

ICPPRP386	Undertake digital proofing	30
ICPPRP3960	Generate high-end PDF files	50
ICPPRP411	Undertake a complex design brief	30
ICPPRP4210	Compose and evaluate typography	50
ICPPRP422	Digitise complex images for reproduction	50
ICPPRP4230	Apply colour to design briefs	80
ICPPRP4300	Manage colour	70
ICPPRP4350	Generate complex imposition	50
ICPPRP4840	Set up and operate automated workflow	60
ICPPRP4940	Develop document content and structure	60
ICPPTD301	Manipulate 3D files in preparation for 3D printing	70
ICPPTD302	Set up and produce 3D prints	70
ICPPTD303	Set up and produce 3D scans	70
ICPPTD304	Apply problem solving techniques to 3D printing maintenance and operation	70
ICPSCP2150	Prepare screen	30
ICPSCP2210	Prepare substrate	30
ICPSCP2330	Manually prepare direct emulsion stencil	30
ICPSCP2700	Manually prepare and produce screen prints	80
ICPSCP2710	Manually produce basic screen prints	30
ICPSCP2730	Semi-automatically produce basic screen prints	30
ICPSCP2750	Automatically produce basic screen prints	30
ICPSCP2810	Finish screen print products	30
ICPSCP2820	Prepare film for basic screen printing	30
ICPSCP3110	Reclaim screen manually	30
ICPSCP339	Prepare stencil using direct projection method	50
ICPSCP3510	Prepare machine and drying/curing unit	50
ICPSCP3710	Manually produce complex screen prints	50
ICPSCP3730	Semi-automatically produce complex screen prints	50

ICPSCP374	Operate a semi-automatic screen printing machine	60
ICPSCP3760	Operate an automatic screen printing machine	60
ICPSCP382	Produce computer image for screen printing	40
ICPSCP3830	Prepare film for complex screen printing	30
ICPSUP2010	Prepare, load and unload reels and cores on and off machine	30
ICPSUP2020	Prepare, load and unload product on and off machine	20
ICPSUP2030	Prepare and maintain the work area	60
ICPSUP2070	Prepare machine for operation (basic)	30
ICPSUP2080	Operate and monitor machines (basic)	30
ICPSUP2110	Prepare inks and additives	30
ICPSUP2160	Inspect quality against required standards in a production environment	30
ICPSUP2210	Pack and dispatch product	30
ICPSUP2360	Lift and shift loads mechanically	35
ICPSUP2410	Undertake warehouse materials processing	30
ICPSUP2430	Reconcile process outputs	30
ICPSUP2600	Maintain a safe work environment	30
ICPSUP2620	Communicate in the workplace	50
ICPSUP2630	Perform basic industry calculations	30
ICPSUP271	Provide basic instruction for a task	50
ICPSUP2800	Enter data into electronic systems	30
ICPSUP2810	Use computer systems in the printing and graphic arts sectors	30
ICPSUP2820	Undertake basic machine maintenance	30
ICPSUP311	Prepare ink and additives (advanced)	30
ICPSUP3210	Pack and dispatch (advanced)	50
ICPSUP3230	Dispose of waste	30
ICPSUP3420	Undertake inventory procedures	30
ICPSUP351	Undertake basic production scheduling	50
ICPSUP352	Plan operational processes	50

ICPSUP3570	Apply quick changeover procedures	20
ICPSUP4160	Manage quality in a production environment	45
ICPSUP4600	Manage a safe work environment	45
ICPSUP4620	Facilitate communication in the workplace	45
ICPSUP482	Troubleshoot and optimise materials and machinery	50
ICPSUP488	Ensure process improvements are sustained	50
ICPSUP553	Prepare production costing estimates	50
ICPSUP583	Troubleshoot and optimise the production process	50

Mapping Qualifications

The following table provides an overview of the qualifications from Version 4.1 which replace qualifications from the existing version of the ICP: Printing and Graphic Arts

ICP Current Qualification				ICP Replacement Qualification		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours

No changes occurred between versions.

Mapping Skill Sets

The following table provides an overview of the skill sets from Version 4.1 which replace skill sets from the existing version of the ICP: Printing and Graphic Arts

ICP Current Qualification				ICP Replacement Qualification		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours

No changes occurred between versions.

Mapping Units of Competency

The following table provides an overview of the Units of Competency from Version 4.1 which replace Units of Competency from the existing version of the ICP: Printing and Graphic Arts

	ICP Current Unit				ICP Replacement Unit	
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours

No changes occurred between versions.

Apprenticeships

The following table provides a summary of the apprenticeships that have been affected by changes in this ICP: Printing and Graphic Arts training package update.

Please refer to the current *Register of Class A and B qualifications* found on the Department of Training and Workforce Development website for the official list of apprenticeships in Western Australia.

National Code	National Title	Apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
No changes occurred between versions.							

Traineeships

The following table provides a summary of the traineeships that have been affected by changes in this ICP: Printing and Graphic Arts training package update.

Please refer to the current *Register of Class A and B qualifications* found on the Department of Training and Workforce Development website for the official list of apprenticeships in Western Australia.

National Code	National Title	Traineeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
No changes occurred between versions.							

Pre-Apprenticeships

The following table provides a summary of the pre-apprenticeships that have been affected by changes in this ICP: Printing and Graphic Arts training package update.

Please refer to the current *list of pre-apprenticeship courses* found on the Department of Training and Workforce Development website for the official list of pre-apprenticeships in Western Australia.

National Code	National Title	Pre-Apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
No changes occurred between versions.							