

FWP FOREST AND WOOD PRODUCTS
TRAINING PACKAGE
Version 3
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 FWP Forest and Wood Products 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 3 of the FWP Forest and Wood Products Training Package was released by Training.Gov.Au (TGA) on the 21/02/2018

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

For Training Package content information, please contact:
Training Curriculum Services
Tel: (08) 6551 5541
Email: trainingpackages@dtwd.wa.gov.au

Qualifications and Nominal Hours

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

National Code	National Title	Nominal Hours
FWP10116	Certificate I in Forest and Forest Products	300
FWP20116	Certificate II in Forest Growing and Management	297
FWP20216	Certificate II in Harvesting and Haulage	335
FWP20316	Certificate II in Sawmilling and Processing	440
FWP20416	Certificate II in Wood Panel Products	395
FWP20516	Certificate II in Timber Manufactured Products	325
FWP20616	Certificate II in Timber Merchandising	440
FWP20716	Certificate II in Timber Truss and Frame Design and Manufacture	317
FWP30116	Certificate III in Forest Growing and Management	453
FWP30216	Certificate III in Harvesting and Haulage	525
FWP30316	Certificate III in Sawmilling and Processing	441
FWP30416	Certificate III in Wood Panel Products	475
FWP30516	Certificate III in Timber Manufactured Products	442
FWP30616	Certificate III in Timber Merchandising	561
FWP30716	Certificate III in Sawdoctoring	720
FWP30816	Certificate III in Woodmachining	760
FWP30916	Certificate III in Timber Truss and Frame Design and Manufacture	517
FWP40116	Certificate IV in Forest Operations	870
FWP40216	Certificate IV in Timber Processing	717
FWP40316	Certificate IV in Timber Truss and Frame Manufacture	550
FWP40416	Certificate IV in Timber Truss and Frame Design	910
FWP50116	Diploma of Forest and Forest Products	1545
FWP50216	Diploma of Timber Truss and Frame Manufacture	1640

FWP50316	Diploma of Timber Truss and Frame Design	1210
FWP60116	Advanced Diploma of Forest Industry Sustainability	950

Units of Competency and Nominal Hours

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

National Code	National Title	Nominal Hours
FWPCOR2201	Work effectively in the forest and forest products industry	20
FWPCOR2202	Communicate and interact effectively in the workplace	20
FWPCOR2203	Follow environmental care procedures	20
FWPCOR2204	Follow fire prevention procedures	20
FWPCOR2205	Follow WHS policies and procedures	20
FWPCOR2207	Maintain quality and product care	20
FWPCOR3201	Implement safety, health and environment policies and procedures	60
FWPCOR3202	Conduct quality and product care procedures	40
FWPCOR3203	Evaluate fire potential and prevention	30
FWPCOR3204	Visually assess materials	17
FWPCOR4201	Monitor safety, health and environment policies and procedures	60
FWPCOR4202	Monitor and review forestry operations	20
FWPCOR4203	Monitor quality and product care procedures	60
FWPCOR6201	Manage sustainability in the workplace	60
FWPCOR6202	Implement practices to maximise value from wood residues	80
FWPCOT2201	Stack and bind material	15
FWPCOT2202	Rack material	15
FWPCOT2203	Finish and pack products	15
FWPCOT2205	Tail out materials	15
FWPCOT2207	Dress boards and timber	40
FWPCOT2208	Resaw boards and timber	20
FWPCOT2209	Produce finger jointed timber	20
FWPCOT2210	Tally material	10

FWPCOT2211	Produce pointed timber products	20
FWPCOT2212	Grade hardwood sawn and milled products	20
FWPCOT2213	Grade softwood sawn and milled products	20
FWPCOT2214	Grade cypress sawn and milled products	20
FWPCOT2215	Visually stress grade hardwood	20
FWPCOT2216	Visually stress grade softwood	20
FWPCOT2217	Visually stress grade cypress	20
FWPCOT2218	Cross cut materials with a fixed saw	15
FWPCOT2219	Use hand-held tools	20
FWPCOT2220	Select trees for tending operations	20
FWPCOT2222	Produce laminated beams	20
FWPCOT2224	Band edges of panels	10
FWPCOT2225	Chip or flake wood	18
FWPCOT2226	Debark logs mechanically	20
FWPCOT2227	Process orders and despatch products	20
FWPCOT2228	Store materials	20
FWPCOT2229	Dock material to length	17
FWPCOT2230	Assemble products	17
FWPCOT2231	Pack products	15
FWPCOT2232	Cut material to shape using a saw	20
FWPCOT2233	Navigate in forest areas	40
FWPCOT2235	Assess timber for manufacturing potential	20
FWPCOT2236	Fall trees manually (basic)	80
FWPCOT2237	Maintain chainsaws	20
FWPCOT2238	Cut materials with a hand-held chainsaw	40
FWPCOT2239	Trim and cut felled trees	40
FWPCOT2240	Cut material with a pole saw	20
FWPCOT2241	Apply wood and timber product knowledge	20

FWPCOT2242	Segregate and sort logs	25
FWPCOT3201	Hand sharpen knives and blades	20
FWPCOT3202	Navigate in remote or trackless areas	25
FWPCOT3203	Weigh loads	20
FWPCOT3204	Prepare and interpret sketches and drawings	30
FWPCOT3205	Dress boards using multi-headed machines	35
FWPCOT3206	Cut material using high speed optimiser	35
FWPCOT3207	Set up, operate and maintain finger jointing operations	30
FWPCOT3208	Test strength of joints	25
FWPCOT3209	Set up, operate and maintain end matching operations	30
FWPCOT3210	Sharpen cutting tools	20
FWPCOT3211	Maintain sawdoctoring tools	25
FWPCOT3212	Replace saws, blades and guides	40
FWPCOT3213	Manufacture cutting tools	36
FWPCOT3214	Take off material quantities	30
FWPCOT3215	Swage and shape saw blades	40
FWPCOT3216	Assess and maintain saw performance	30
FWPCOT3217	Assess and maintain cutter performance	20
FWPCOT3218	Quote and interpret from manufactured timber product plans	40
FWPCOT3219	Produce standard truss or frame plans and details using computers	40
FWPCOT3220	Quote and interpret from computerised timber manufactured product plans	40
FWPCOT3221	Rehabilitate tracks, quarries and landings	65
FWPCOT3222	Present forestry information and interpretations programs	40
FWPCOT3224	Plan and monitor equipment maintenance	40
FWPCOT3225	Mechanically stress grade timber	30
FWPCOT3227	Receive and measure logs	15
FWPCOT3228	Plane/sand panels	15
FWPCOT3229	Mechanically stress grade panels	30

FWPCOT3230	Operate automated stacking equipment	20
FWPCOT3231	Operate steam boiler	32
FWPCOT3232	Operate heat plant	37
FWPCOT3233	Sharpen and align blades and knives	20
FWPCOT3234	Cut material using CNC sizing machines	32
FWPCOT3235	Machine material using CNC machining and processing centres	32
FWPCOT3236	Coordinate stock control procedures	50
FWPCOT3237	Produce templates	30
FWPCOT3238	Operate a pole saw	40
FWPCOT3239	Create drawings using computer aided design systems	30
FWPCOT3240	Grade heavy structural/engineered products	20
FWPCOT3241	Assemble timber wall frames	40
FWPCOT3242	Lay up timber roof trusses	40
FWPCOT3243	Operate a truss press	20
FWPCOT3244	Cut material to profile	20
FWPCOT3245	Grade, sort and mark materials	17
FWPCOT3246	Test heavy structural/engineered products	40
FWPCOT3247	Select timber for forestry operations	20
FWPCOT3248	Dry timber in solar assisted kilns	40
FWPCOT3249	Select timber preservation techniques	60
FWPCOT3250	Prepare timber to meet import/export compliance requirements	60
FWPCOT3251	Promote the carbon benefits of wood products	40
FWPCOT3252	Use environmental care procedures to undertake fire salvage operations	80
FWPCOT3253	Convert timber residue into products for further use	30
FWPCOT3254	Implement environmentally sustainable work practices in the work area/work site	60
FWPCOT3255	Apply silvicultural principles	40
FWPCOT3256	Apply biodiversity protection principles	40
FWPCOT3257	Follow cultural heritage requirements	30

FWPCOT3258	Comply with soil and water protection	40
FWPCOT3259	Operate a four wheel drive on unsealed roads	40
FWPCOT3260	Recover four wheel drive vehicles	20
FWPCOT3261	Transport forestry logs using trucks	40
FWPCOT3262	Transport forestry produce using trucks	40
FWPCOT3263	Maintain and contribute to energy efficiency	30
FWPCOT3264	Build and maintain timber stacks	20
FWPCOT3269	Provide specialised timber product solutions	55
FWPCOT3270	Grade and mark logs	45
FWPCOT4201	Produce complex truss and frame plans and details using computers	60
FWPCOT4202	Design timber structures	60
FWPCOT4203	Plan and coordinate product assembly	20
FWPCOT4204	Schedule and coordinate load shifting	30
FWPCOT4205	Coordinate log debarking operations	40
FWPCOT4206	Plan and coordinate boiler operations	60
FWPCOT4207	Plan and coordinate heat plant operations	60
FWPCOT4208	Implement workplace sustainability practices	45
FWPCOT5201	Implement sustainable forestry practices	120
FWPCOT5202	Manage forestry information and interpretations programs	40
FWPCOT5203	Manage installation and commissioning of equipment	250
FWPCOT5204	Organise enterprise maintenance programs	100
FWPCOT5205	Develop biohazard contingency plans	80
FWPCOT5206	Implement forestry chain of custody certification system	80
FWPCOT5207	Implement sustainability in the workplace	80
FWPCOT5208	Build and maintain community relationships	50
FWPCOT5209	Manage tree harvesting to minimise environmental impact	80
FWPCOT6201	Manage community engagement	60
FWPCOT6202	Develop and manage a forestry chain of custody certification process	120

FWPCOT6203	Develop engineered timber products to meet energy efficient building design needs	150
FWPCOT6204	Use carbon accounting to estimate emissions	120
FWPCOT6205	Prepare an enterprise carbon management report	80
FWPCOT6207	Develop forest management systems and processes	200
FWPCOT6208	Manage innovative thinking and practice in the forest and wood products industry	65
FWPCOT6209	Manage forest and wood products industry research	65
FWPCOT8101	Lead forest and wood products industry innovative thinking and practice	70
FWPCOT8102	Initiate and lead a forest and wood products industry innovation	70
FWPFGM2201	Collect seed	20
FWPFGM2202	Prepare seedbed	60
FWPFGM2203	Plant trees by hand	10
FWPFGM2204	Plant trees mechanically	10
FWPFGM2205	Prune trees	20
FWPFGM2206	Collect data or samples for assessment	20
FWPFGM2207	Undertake brushcutting operations	40
FWPFGM2209	Cut, sort and set cuttings	20
FWPFGM2210	Implement animal pest control procedures	20
FWPFGM2211	Detect fires	20
FWPFGM2212	Graft cuttings	20
FWPFGM2213	Process seed	20
FWPFGM2214	Maintain visitor sites	20
FWPFGM2215	Measure trees	20
FWPFGM3201	Manage seed collection	90
FWPFGM3202	Extract seed	20
FWPFGM3203	Conduct an instrument survey	35
FWPFGM3206	Plan and implement non-commercial thinning operations	40
FWPFGM3207	Coordinate stem improvement	120
FWPFGM3209	Construct and maintain forest roads and tracks	120

FWPFGM3210	Patrol forest	40
FWPFGM3211	Manage coppice stems	40
FWPFGM3212	Fall trees manually (intermediate)	100
FWPFGM3213	Fall trees manually (advanced)	120
FWPFGM3214	Operate a four wheel drive in a towing situation	30
FWPFGM3215	Perform complex 4x4 operations	40
FWPFGM4201	Implement a forest establishment plan	120
FWPFGM4202	Manage stand health	120
FWPFGM4203	Design plantations	90
FWPFGM4204	Conduct a pests and diseases assessment	50
FWPFGM4205	Monitor regeneration rates	20
FWPFGM4206	Conduct a wood volume and yield assessment	50
FWPFGM4207	Conduct a forest site assessment	50
FWPFGM4208	Plan a quarry	120
FWPFGM4209	Interpret and use aerial photographs for forest management	10
FWPFGM4210	Prepare a tender	30
FWPFGM5201	Plan and manage an inventory program	90
FWPFGM5208	Manage road construction and maintenance	150
FWPFGM5210	Manage tending operations in a native forest	90
FWPFGM5211	Coordinate stand nutrition	120
FWPFGM5212	Manage genetic resources	135
FWPFGM5213	Coordinate plantation tending operations	120
FWPFGM5214	Develop a native forest regeneration plan	90
FWPFGM5215	Breed Trees	90
FWPFGM5216	Manage coupe planning	200
FWPFGM5217	Promote plantations as a sustainable form of land use	80
FWPFGM5219	Undertake carbon stock sampling of forests and plantations	60
FWPFGM6201	Plan a biochar storage system for carbon capture and storage	150

FWPFGM6203	Manage sustainable tree inventory	150
FWPHAR2203	Hook up felled logs using cables (choker)	40
FWPHAR2204	Perform landing duties (chaser)	40
FWPHAR2205	Conduct mobile splitting operations	30
FWPHAR2206	Operate a mobile chipper/mulcher	30
FWPHAR2207	Trim and cut harvested trees	40
FWPHAR3201	Monitor log recovery (rigging slinger)	80
FWPHAR3210	Conduct mechanical processor operations	100
FWPHAR3213	Conduct mechanically assisted tree falling operations	150
FWPHAR3215	Operate a heavy production mobile chipper	200
FWPHAR3220	Harvest trees manually (intermediate)	100
FWPHAR3221	Harvest trees manually (advanced)	120
FWPHAR3222	Use on-board computer systems for forwarder	25
FWPHAR3223	Use on-board computer systems for single grip harvester	45
FWPHAR3224	Operate crawler tractor	145
FWPHAR3225	Operate excavator with log grapple	145
FWPHAR3226	Operate feller buncher	180
FWPHAR3227	Operate forwarder	180
FWPHAR3228	Operate loader	155
FWPHAR3229	Operate single grip harvester	180
FWPHAR3230	Operate skidder	145
FWPHAR3231	Operate yarder	180
FWPHAR4201	Apply tree jacking techniques	100
FWPHAR4202	Coordinate log recovery (hook tender)	80
FWPHAR4203	Design log landings and snig tracks	80
FWPHAR4204	Plan and coordinate fire salvage operations	60
FWPHAR4205	Implement harvesting plans	60
FWPHAR5201	Design harvesting plans	200

FWPSAW2201	Grade round poles and debarked logs	20
FWPSAW2202	Sort boards manually	20
FWPSAW2203	Sort boards mechanically	20
FWPSAW2204	Dock boards with mechanical feed	20
FWPSAW2205	Assemble materials using nail plates	20
FWPSAW2206	De-stack seasoning racks	20
FWPSAW2207	Round softwood logs	20
FWPSAW2208	Split wood products	20
FWPSAW2209	Dismantle, transport and assemble hand portable sawmill	60
FWPSAW2210	Prepare for timber treatment operations	30
FWPSAW3201	Treat timber	30
FWPSAW3202	Produce sawn green boards	40
FWPSAW3203	Break down logs	40
FWPSAW3204	Saw flitches and cants	20
FWPSAW3205	Dry hardwood	40
FWPSAW3206	Dry softwood	40
FWPSAW3207	Sharpen band saws	30
FWPSAW3208	Sharpen circular saws	30
FWPSAW3209	Align sawing production systems	40
FWPSAW3210	File and set saws	40
FWPSAW3211	Recondition guides	40
FWPSAW3212	Sharpen tipped circular saws	30
FWPSAW3213	Level and tension circular saws	50
FWPSAW3214	Join band saw blades	40
FWPSAW3215	Screen wood chips	40
FWPSAW3216	Transfer wood chips	40
FWPSAW3217	Hard face saw teeth	30
FWPSAW3218	Replace tungsten tips	30

FWPSAW3219	Replace stellite tips	30
FWPSAW3220	Maintain wide band saw blades	40
FWPSAW3221	Profile saw blanks	40
FWPSAW3222	Recondition band mill wheels	40
FWPSAW3223	Assess wood chips	40
FWPSAW3224	Coordinate and monitor the wood chip stockpile	40
FWPSAW3225	Maintain frame saw blades	40
FWPSAW3226	Saw logs using CNC optimising systems	40
FWPSAW3227	Select and saw logs in multi-species operations	40
FWPSAW3228	Apply principles of blade design to sawing procedures	30
FWPSAW3229	Operate a portable sawmill	60
FWPSAW4201	Plan and monitor timber treatment plant operations	30
FWPSAW4202	Plan and monitor saw log operations	50
FWPSAW4203	Coordinate timber drying operations	50
FWPSAW4204	Plan and monitor board conversion	50
FWPTMM2201	Cut material to length and angles	30
FWPTMM2202	Machine material	20
FWPTMM2203	Read and interpret timber truss, floor and/or frame fabrication plans	30
FWPTMM3201	Convert timber	40
FWPTMM3202	Manufacture using joinery machines	35
FWPTMM3203	Estimate and cost job	50
FWPTMM3204	Interpret designs to prepare timber roof truss drawings and documents using computers	75
FWPTMM3205	Interpret designs to prepare timber floor system drawings and documents using computers	75
FWPTMM3206	Interpret designs to prepare timber wall frame drawings and documents using computers	75
FWPTMM3207	Set up timber floor trusses	30
FWPTMM4201	Construct prototypes and samples	40
FWPTMM4202	Diagnose and calculate production costs	80
FWPTMM4203	Install and commission CNC software	120

FWPTMM4204	Sample and test products to specifications	40
FWPTMM4205	Prepare and advise on a broad range of timber roof truss details using computers	120
FWPTMM4206	Prepare and advise on a broad range of timber floor system details using computers	120
FWPTMM4207	Prepare and advise on a broad range of timber wall frame details using computers	120
FWPTMM5201	Assess product feasibility of designs	100
FWPTMM5202	Develop, trial and evaluate prototypes	150
FWPTMM5203	Generate and transfer complex computer-aided drawings and specifications	150
FWPTMM5204	Manage product design	180
FWPTMM5205	Optimise CNC operations	180
FWPTMM5206	Plan production	200
FWPWPP2201	Cut panels	20
FWPWPP2202	Surface treat raw board	20
FWPWPP2203	Repair veneer and ply	10
FWPWPP2204	Repair veneer mechanically	10
FWPWPP2205	Prepare chip or fibre blends	20
FWPWPP2206	Prepare veneer for ply	10
FWPWPP2207	Scarf edges of veneer	15
FWPWPP2208	Cut veneer	10
FWPWPP2209	Saw products from continuous ply	10
FWPWPP2210	Cut panels to profile	20
FWPWPP2211	Move material by transfer equipment	30
FWPWPP3201	Produce veneer from debarked logs	30
FWPWPP3202	Paint panels	10
FWPWPP3203	Produce fibre from chips	15
FWPWPP3204	Form board	70
FWPWPP3205	Match and join veneer	10
FWPWPP3206	Laminate and veneer board surfaces	15
FWPWPP3207	Clip veneer	10

FWPWPP3208	Punch peg holes in panels	10
FWPWPP3209	Prepare resin and additives	15
FWPWPP3210	Laminate board	20
FWPWPP3211	Maintain caul plates and screens	10
FWPWPP3212	Dry material	25
FWPWPP3213	Heat treat material	15
FWPWPP3214	Treat paper	10
FWPWPP3215	Cut paper	5
FWPWPP3216	Press material using the daylight process	40
FWPWPP3217	Process production effluent	20
FWPWPP3218	Plan and coordinate machining of panels	30
FWPWPP3219	Blend and test binding mixes	20
FWPWPP3220	Plan and coordinate panel painting	10
FWPWPP3221	Trim new panels to size	15
FWPWPP3222	Press laminated ply	20
FWPWPP3223	Immunise veneer	30
FWPWPP3224	Profile sand products	10
FWPWPP3225	Produce profile sanding shoes and wheels	15
FWPWPP3226	Operate a continuous press	40
FWPWPP3227	Vacuum paint	15
FWPWPP3228	Dry Wood Flakes	30
FWPWPP3229	Classify flake	15
FWPWPP3230	Produce decorative veneers	40
FWPWPP3231	Produce veneer from prepared flitches	30
FWPWPP4201	Plan and coordinate panel production	15
FWPWPP4202	Perform laboratory testing	40

Skill Sets and Nominal Hours

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

National Code	National Title	Nominal Hours
FWPSS00001	Skill set for forest and wood product innovation for leaders	250
FWPSS00002	Skill set for forest and wood product innovation for managers	205
FWPSS00003	Skill set for supporting forest and wood products innovation	75
FWPSS00004	Skill set for managing change in the forest and wood products industry	230
FWPSS00005	Skill set for forest and wood products industry stakeholder engagement	150
FWPSS00006	Skill set for supporting workplace engagement in the forest and wood products industry	85
FWPSS00007	Skill set for leading business development in the forest and wood products industry	180
FWPSS00008	Skill set for managing business development in the forest and wood products industry	135
FWPSS00009	Skill set for supporting business development in the forest and wood products industry	200
FWPSS00014	Skill set for a heavy production mobile chipper operator	260
FWPSS00016	Skill set for a mechanical processor operator	160
FWPSS00017	Skill set for a native forest operator	190
FWPSS00018	Skill set for a plantation forest operator	110
FWPSS00022	Skill set for fire salvage operations	120
FWPSS00023	Skill set for off road four wheel drive operations	170
FWPSS00024	Skill set for soil and water protection (roading)	110
FWPSS00025	Skill set for carbon accounting	300
FWPSS00026	Skill set for a forestry log truck driver	80
FWPSS00027	Skill set for a forestry produce truck driver	80
FWPSS00028	Skill set for a finger jointing plant operator	108
FWPSS00029	Skill set for a finger jointing moulder operator	72
FWPSS00030	Skill set for a finger jointing grader operator	44
FWPSS00031	Skill set for a finger jointing quality control tester	82

FWPSS00032	Skill set for a crawler tractor operator	205
FWPSS00033	Skill set for a feller buncher operator	240
FWPSS00034	Skill set for a forwarder operator	240
FWPSS00035	Skill set for a loader operator	215
FWPSS00036	Skill set for a single grip harvester operator	240
FWPSS00037	Skill set for a skidder operator	205
FWPSS00038	Skill set for an excavator with log grapple operator	205

Mapping Qualifications

The following table provides an overview of the qualifications from version 3 which replace qualifications from the existing version of the FWP Forest and Wood Products Training Package

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

No changes occurred between versions 2 and 3.

Mapping Units of Competency

The following table provides an overview of the Units of Competency from version 3 which replace Units of Competency from the existing version of the FWP Forest and Wood Products Training Package

FWP Current Unit				FWP Replacement Unit		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
FWPCOT2242	Segregate and sort logs	12	NE	FWPCOT2242	Segregate and sort logs	25
FWPCOT3223	Grade and mark logs	20	NE	FWPCOT3270	Grade and mark logs	45
			New	FWPHAR3222	Use on-board computer systems for forwarder	25
			New	FWPHAR3223	Use on-board computer systems for single grip harvester	45
FWPHAR3216	Conduct forestry operations using crawler tractor	40	NE	FWPHAR3224	Operate crawler tractor	145
FWPHAR3219	Conduct excavator operations with grabs	100	NE	FWPHAR3225	Operate excavator with log grapple	145
FWPHAR3207	Conduct feller buncher operations	100	NE	FWPHAR3226	Operate feller buncher	180
FWPHAR3206	Conduct forwarder operations	120	NE	FWPHAR3227	Operate forwarder	180
FWPHAR3218	Conduct loader operations	40	NE	FWPHAR3228	Operate loader	155
FWPHAR3214	Operate a single grip harvester	200	NE	FWPHAR3229	Operate single grip harvester	180
FWPHAR3217	Conduct skidder operations	100	NE	FWPHAR3230	Operate skidder	145
FWPHAR3211	Operate yarder	100	NE	FWPHAR3231	Operate yarder	180

Mapping Skill Sets

The following table provides an overview of the skill sets from version 3 which replace skill sets from the existing version of the FWP Forest and Wood Products Training Package

FWP Current Skill Set				FWP Replacement Skill Set		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
FWPSS00010	Skill set for a boom delimeter operator	160		<i>Deleted skill set</i>		
FWPSS00011	Skill set for a crawler/dozer operator	100	NE	FWPSS00032	Skill set for a crawler tractor operator	205
FWPSS00012	Skill set for a feller buncher operator	160	NE	FWPSS00033	Skill set for a feller buncher operator	240
FWPSS00013	Skill set for a forwarder operator	180	NE	FWPSS00034	Skill set for a forwarder operator	240
FWPSS00015	Skill set for a loader operator	100	NE	FWPSS00035	Skill set for a loader operator	215
FWPSS00019	Skill set for a single grip harvester operator	260	NE	FWPSS00036	Skill set for a single grip harvester operator	240
FWPSS00020	Skill set for a skidder operator	160	NE	FWPSS00037	Skill set for a skidder operator	205
FWPSS00021	Skill set for an excavator operator	160	NE	FWPSS00038	Skill set for an excavator with log grapple operator	205

Apprenticeships

The following table provides a summary of the qualifications in the FWP Forest and Wood Products Training Package and the accredited apprenticeship courses they will replace.

FWP Current Qualification					FWP Replacement Qualification		
National Code	National Title	Apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours

No changes occurred between versions 2 and 3.

Traineeships

The following table provides a summary of the qualifications in the FWP Forest and Wood Products Training Package and the accredited traineeship courses they will replace.

FWP Current Qualification					FWP Replacement Qualification		
National Code	National Title	Traineeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours

No changes occurred between versions 2 and 3.

Pre-Apprenticeships

The following table provides a summary of the qualifications in the FWP Forest and Wood Products Training Package and the accredited pre-apprenticeship courses they will replace.

FWP Current Qualification					FWP Replacement Qualification		
National Code	National Title	Pre-Apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours

No changes occurred between versions 2 and 3.