

**FOREST AND FOREST  
PRODUCTS  
TRAINING PACKAGE**

**FPI05**

**VERSION 2**

**IMPLEMENTATION GUIDE**

**Western Australian Department of Training and  
Workforce Development**

**March 2011**

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## Foreword

This Implementation Guide has been generated to enable the stakeholders in the Forest and Forest Products Industry in Western Australia to participate in the managed implementation of the National Forest and Forest Products Training Package FPI05.

Information within this Guide should provide guidance on how competency standards may be selected and applied to achieve suitable outcomes and qualifications, for and within an industry.

The Forest and Forest Products Training Package FPI05 was released onto the National Training Information Service (NTIS) in **October 2010**

## Introduction

This Guide provides information that will facilitate the implementation of the Forest and Forest Products Training Package FPI05 **Version 2** in Western Australia. This Guide is designed to aid Registered Training Organisations (RTOs) to convert from 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 Forest and Forest Products Training Package FPI05 **Version2**.

The Guide provides information on:

- Transition arrangements
- Licensing requirements (if any)
- Advice on Employability Skills
- Funding
- A mapping of current publicly funded qualifications to Training Package qualifications
- An allocation of nominal hours to units of competency and total hours for qualifications
- A mapping of existing modules to units of competency where the correlation is appropriate
- A mapping of current Traineeship and Apprenticeship courses to new qualifications
- A set of appropriate sample, or model, training programs at each AQF level

## Obtaining the Training Package

The Forest and Forest Products Training Package can be purchased from:

### **TVET Australia Product Services**

Level 21

390 St Kilda Road

Melbourne VIC 3000

Telephone: (03) 9832 8188

Facsimile: (03) 9832 8199

Email: [enquiries@tvetaustralia.com.au](mailto:enquiries@tvetaustralia.com.au)

Web: [www.tvetaustralia.com.au](http://www.tvetaustralia.com.au)

Information on National Training Packages is also available through the National Training Information Service (NTIS), which can be located on the Internet at:

[www.ntis.gov.au](http://www.ntis.gov.au)

**All RTOs who have Training Package qualifications on their Scope of Delivery must have access to the relevant Training Package.**

## Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications within 12 months of the release date of the Training Package on to the National Training Information System (NTIS) by the National Quality Council (NQC). A current accredited course, however, may be used until its accreditation expires.

A RTO with the scope of registration authorising delivery of existing accredited courses in a defined industry area will be deemed to have the resources and facilities to deliver the new qualification/s in that industry area.

An Amendment to Scope will be necessary where the industry area is not within scope. The Training Accreditation Council (TAC) will need to be advised of any new qualifications from the Training Package being delivered.

## Existing Courses

Existing Western Australian owned courses affected by the introduction of the new qualifications will be retired as soon as practicable after 31<sup>st</sup> October 2011. New enrolments in 2011 should therefore be directed into Training Package qualifications.

## Transition to New Qualifications

Students currently enrolled in a Training Package qualification in Forest and Forest Products should be permitted to complete the program they enrolled in initially, unless the move to the related qualification from a Training Package can be made without disadvantage to a student.

## Funding

Some learners may only achieve a Statement of Attainment during their enrolment period with the RTO. Separate funding is not provided to assess the learner who has left his/her studies and then, at a later date, wants to complete an integrated assessment to achieve a certificate qualification. The RTO will be required to make special arrangements to issue the final qualification. This process may involve an invitation to the employer (if applicable) to participate in the assessment in the workplace.

## Nominal Duration of Qualifications

The maximum nominal hours are identified for each Training Package qualification. Nominal hours may vary within a qualification depending on the units of competency selected and the delivery strategies used; however, training delivery will not be funded beyond the maximum nominal hours indicated. Nominal hours are for structured training only and include both delivery and assessment.

## Definition of nominal hours (supervised)

Nominal hours are the hours of training notionally required to achieve the outcomes of the Unit of Competency. In Western Australia, nominal hours are used as a mechanism for funding allocation.

## Employability Skills

### *What are employability skills?*

Employability skills are non-technical skills and competencies which have always been an important part of an individual's effective and successful participation in the workplace. Their explicit inclusion in Training Packages represents the progression of competency based training into a system which develops the full range of transferable skills, attitudes and behaviour required for successful participation in the workplace.

Employability skills have been developed from a business and industry need for a broader range of skills beyond the Mayer Key Competencies that were developed in 1992. The 2002 report, *Employability Skills for the Future*, published by the Business Council of Australia and the Australian Chamber of Commerce and Industry, outlined an 'Employability Skills Framework' which identifies eight employability skills. They are:

- **communication skills**, which contribute to productive and harmonious relations between employees and customers
- **teamwork skills**, which contribute to productive working relationships and outcomes
- **problem-solving skills**, which contribute to productive outcomes
- **initiative and enterprise skills**, which contribute to innovative outcomes
- **planning and organising skills**, which contribute to long-term and short-term strategic planning
- **self-management skills**, which contribute to employee satisfaction and growth
- **learning skills**, which contribute to ongoing improvement and expansion in employee and company operations and outcomes
- **technology skills**, which contribute to effective execution of tasks.

### *The Employability Skills Framework*

The Employability Skills Framework details the employability skills and the elements, or facets, of those skills that employers identified as important. Facets are examples of skills and behaviour which contribute to the overall application of each particular employability skill. The nature, emphasis and context of these facets vary across industries.

## ***Employability skills and Training Packages***

The National Quality Council endorsed the approach to explicitly embed the applicable employability skills into each individual unit of competency. In 2005 and 2006 specifically developed tools were used by Industry Skills Councils to review and embed employability skills into Training Package qualifications.

In many cases the skills and knowledge identified by the Employability Skills Framework already existed in Training Packages. Industry Skills Councils reviewed each Training Package and, where gaps existed or changes were required, modified the competency standards. For some Training Packages, the Framework was further modified to capture industry specific requirements. These requirements were then mapped to existing Training Packages and embedded and strengthened in units of competency.

Employability skills are said to be explicitly embedded when units of competency are written in a manner which makes the relationships between employability skills and the other performance requirements clear and readily identifiable.

### ***Employability skills summary***

Once the units of competency in a qualification have been mapped against the Framework, an Employability Skills Summary is created for every qualification in a Training Package. Summaries broadly identify the application of each employability skill in the context of the job role(s) covered by the qualification. They are designed to assist in identifying and including relevant industry applications of the employability skills into learning and assessment strategies.

### ***Reporting employability skills***

At its July 2007 meeting the Council endorsed an approach to descriptive reporting on employability skills which involves: learners downloading qualification specific Employability Skills Summaries for Training Package qualifications they have completed from an internet site; and RTOs adding a mandatory sentence providing directions to the site to all qualification testamurs for Training Package qualifications.

The website housing the Employability Skills Summaries for Training Package qualifications has now been established. In order to allow sufficient time for RTOs to modify their qualification testamurs to include the mandatory sentence, at its March 2008 meeting the Council agreed to the following two step process for moving to the new reporting arrangements:

From 1 July 2008, RTOs will be required to inform all students issued with Training Package qualifications that Employability Skills Summaries for Training Package qualifications can be downloaded from <http://employabilityskills.training.com.au> ; and From 1 January 2009, RTOs will be required to add the following mandatory sentence to all qualification testamurs issued for Training Package qualifications: A summary of the employability skills developed through this qualification can be downloaded from <http://employabilityskills.training.com.au>

The AQF Implementation Handbook has been changed to reflect the requirement for RTOs to add the mandatory sentence to Training Package qualification testamurs from 1 January 2009.

Further information about employability skills, including a range of materials developed as part of an NQC project in 2006-2007 and designed to provide general information about employability skills for learners, employers and RTO staff and to support professional development in relation to the delivery and assessment of employability skills are available for downloading from:

<http://www.training.com.au/portal/site/public/menuitem.118e29e68c7b0615af17bfae17a62dbc/>

## Version Modification History

The version details of this endorsed Training Package are in the table below. The latest information is at the top of the table.

Version	Release Date	Modification History
2	October 2010	<p><b>Changes to qualifications:</b></p> <p><b>New qualifications:</b></p> <ul style="list-style-type: none"> <li>○ FPI20710 Certificate II in Timber Truss and Frame Design and Manufacture</li> <li>○ FPI30910 Certificate III in Timber Truss and Frame Design and Manufacture</li> <li>○ FPI40310 Certificate IV in Timber Truss and Frame Manufacture</li> <li>○ FPI40410 Certificate IV in Timber Truss and Frame Design</li> <li>○ FPI50310 Diploma of Timber Truss and Frame Manufacture</li> <li>○ FPI50410 Diploma of Timber Truss and Frame Design</li> </ul> <p><b>Changes to units of competency:</b></p> <p>The following new units of competency have been added to the above qualifications:</p> <ul style="list-style-type: none"> <li>○ FPICOT2235A Assess timber for manufacturing potential</li> <li>○ FPITMM2203A Read and interpret timber truss, floor and/or frame fabrication plans</li> <li>○ FPITMM3204A Interpret designs to prepare timber roof truss drawings and documents using computers</li> <li>○ FPITMM3205A Interpret designs to prepare timber floor system drawings and documents using computers</li> <li>○ FPITMM3206A Interpret designs to prepare timber wall frame drawings and documents using computers</li> <li>○ FPITMM3207A Set up timber floor trusses</li> <li>○ FPITMM4205A Prepare and advise on a broad range of timber roof truss details using computers</li> <li>○ FPITMM4206A Prepare and advise on a broad range of timber floor system details using computers</li> <li>○ FPITMM4207A Prepare and advise on a broad range of timber wall frame details using computers</li> </ul> <p>Minor changes to the following units of competency:</p> <ul style="list-style-type: none"> <li>• FPICOT3218A Quote and interpret from manufactured timber product plans <b>has been altered</b> and renumbered FPICOT3218B</li> <li>• FPICOT3220A Quote and interpret from computerised timber manufactured product plans <b>has been altered</b> and renumbered FPICOT3220B</li> <li>• FPICOT4202A Design timber structures <b>has been altered</b> and renumbered FPICOT4202B</li> </ul> <p>Major changes to the following chainsaw units of competency:</p> <ul style="list-style-type: none"> <li>• FPICOT2237A Maintain chainsaws <b>replaces</b> FPICOT2204B Maintain chainsaws</li> <li>• FPICOT2238A Cut materials with a hand-held chainsaw <b>replaces</b> FPICOT2206B Cross cut materials with a hand-held chainsaw</li> <li>• FPICOT2239A Trim and cut felled trees <b>replaces</b> FPICOT2221B Trim and cross cut felled trees</li> <li>• FPIHAR2207A Trim and cut harvested trees <b>replaces</b> FPIHAR2201B Trim and cross cut harvested trees</li> </ul> <p>Major changes to the following Diploma units of competency:</p> <ul style="list-style-type: none"> <li>• FPIFGM5210A Manage tending operations in a native forest <b>replaces</b> FPIFGM5202A Manage tending operations in a native forest</li> <li>• FPIFGM5211A Coordinate stand nutrition <b>replaces</b> FPIFGM5203A Coordinate stand nutrition</li> <li>• FPIFGM5212A Manage genetic resources <b>replaces</b> FPIFGM5204A Manage genetic resources</li> <li>• FPIFGM5213A Coordinate plantation tending operations <b>replaces</b> FPIFGM5205A Coordinate plantation tending operation</li> <li>• FPIFGM5214A Develop a native forest regeneration plan <b>replaces</b> FPIFGM5206A</li> </ul>

		<p>Develop a native forest regeneration plan</p> <ul style="list-style-type: none"> <li>• FPIFGM5215A Breed trees <b>replaces</b> FPIFGM5207A Breed trees</li> <li>• FPIFGM5216A Manage coupe planning <b>replaces</b> FPIFGM5209A Manage coupe planning</li> </ul> <p><b>Additional imported units (within new Truss and Frame qualifications):</b></p> <ul style="list-style-type: none"> <li>• BSBCUS402A Address customer needs</li> <li>• BSBMKG501B Identify and evaluate marketing opportunities</li> <li>• BSBPMG407A Apply risk management techniques</li> <li>• CPCCBC4001A Apply building codes and standards to the construction process for low rise building projects</li> <li>• CPCCBC4004A Identify and produce estimated costs for building and construction projects</li> <li>• CPCCBC4005A Produce labour and material schedules for ordering</li> <li>• CPCCBC4014A Prepare simple building sketches and drawings</li> <li>• CPCCBC4024A Resolve business disputes</li> <li>• CPCCCA3006A Erect roof trusses</li> <li>• CPCCCM1005A Carry out measurements and calculations</li> <li>• CPCCLDG3001A Licence to perform dogging</li> <li>• CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry</li> <li>• CPCSUS4001A Implement and monitor environmentally sustainable work practices</li> <li>• CPCCSV5010A Interact with clients in a regulated environment</li> <li>• CPCCSV5011A Apply building codes and standard to residential buildings</li> <li>• CPCCSV5012A Assess timber-framed designs for one and two storey buildings</li> <li>• CPCCSV5015A Assess structural requirements for domestic scale buildings</li> <li>• CUVDSP15B Research and apply techniques for application to spatial design</li> <li>• MSACMT230A Apply cost factors to work practices</li> <li>• MSACMT250A Monitor process capability</li> <li>• MSACMT251A Apply quality standards</li> <li>• MSACMT432A Analyse manual handling processes</li> <li>• MSACMT450A Undertake process capability improvements</li> <li>• MSACMT460A Facilitate the use of planning software systems in manufacturing</li> <li>• MSACMT451A Mistake proof a production process</li> <li>• MSACMT452A Apply statistics to processes in manufacturing</li> <li>• MSACMT482A Assist in implementing a proactive maintenance strategy</li> <li>• MSACMT630A Optimise cost of product</li> <li>• MSACMT631A Undertake value analysis of product costs in terms of customer requirements</li> <li>• MSACMT662A Develop a documentation control strategy for a manufacturing enterprise</li> <li>• MSACMT670A Develop and manage sustainable energy practices</li> <li>• MSACMT675A Facilitate the development of a new product</li> <li>• MSAPMOPS404A Co-ordinate maintenance</li> <li>• MSAPMSUP390A Use structured problem solving tools</li> </ul>
1.2	February 2010	<p><b>Update of imported units:</b></p> <p>These updates are reflected in the imported units list and each of the 18 qualifications. Refer to Mapping to Previous Training Package document.</p> <p><b>Additional imported units:</b></p> <ul style="list-style-type: none"> <li>• The following units of competency have been added to the Elective units in FPI30205 Certificate III in Harvesting and Haulage: <ul style="list-style-type: none"> <li>• TLIE207C Estimate/calculate mass, area and quantify dimensions</li> <li>• TLID107C Shift materials safely using manual handling methods</li> <li>• TLIF1007C Apply fatigue management strategies</li> <li>• TLIH107D Interpret road maps and navigate pre-determined routes</li> <li>• TLILIC1609A Licence to drive heavy rigid vehicle</li> <li>• TLILIC1709A Licence to drive heavy combination vehicle</li> <li>• TLILIC1809A Licence to drive multi-combination vehicle</li> </ul> </li> <li>• The following unit of competency has been added to the Elective units in FPI20205 Certificate II in Harvesting and Haulage and FPI30205 Certificate III in Harvesting and Haulage: <ul style="list-style-type: none"> <li>• TLID3307C Operate a vehicle-mounted loading crane</li> </ul> </li> </ul>

		<p><b>replaces</b>  CPCCCM3002A Operate a truck mounted loading crane  Minor changes to machine operator units of competency:</p> <ul style="list-style-type: none"> <li>• FPIHAR3203A has been altered and renumbered FPIHAR3203B</li> <li>• FPIHAR3204A has been altered and renumbered FPIHAR3204B</li> <li>• FPIHAR3205A has been altered and renumbered FPIHAR3205B</li> <li>• FPIHAR3206A has been altered and renumbered FPIHAR3206B</li> <li>• FPIHAR3207A has been altered and renumbered FPIHAR3207B</li> <li>• FPIHAR3208A has been altered and renumbered FPIHAR3208B</li> <li>• FPIHAR3209A has been altered and renumbered FPIHAR3209B</li> <li>• FPIHAR3210A has been altered and renumbered FPIHAR3210B</li> <li>• FPIHAR3214A has been altered and renumbered FPIHAR3214B</li> <li>• FPIHAR3215A has been altered and renumbered FPIHAR3215B</li> </ul> <p>Addition of 10 <b>Skill Sets for Machine Operators</b> to cover the operation of:  crawler/dozer, skidder, loader, forwarder, feller buncher, boom delimeter, excavator,  mechanical processor, single grip harvester, heavy production mobile chipper  Addition of Log truck driver descriptor to FPI30205 Certificate III in Harvesting and Haulage</p>
1.1	October 2009	<p><b>Update of imported units:</b>  These updates are reflected in the imported units list and each of the 18 qualifications. Refer to Mapping to Previous Training Package document.</p> <p><b>Additional imported units:</b>  The following new units of competency have been added to the qualifications:  To enable national licensing requirements to be met:</p> <ul style="list-style-type: none"> <li>• TLILIC108A Licence to operate a forklift</li> </ul> <p>To enable the delivery of TAA Skill Sets the following units of competency have been added to the Certificate IV in Forest Operations and Certificate IV in Timber Processing:</p> <ul style="list-style-type: none"> <li>• TAAASS404B Participate in assessment validation</li> <li>• TAAENV401B Work effectively in vocational education and training</li> <li>• BSBCM401A Make a presentation</li> </ul> <p>The following unit of competency has been added to the Certificate III in Harvesting and Haulage:</p> <ul style="list-style-type: none"> <li>• HLTFA302A Provide first aid in a remote situation</li> </ul> <p>The following first aid units of competency have been replaced:</p> <ul style="list-style-type: none"> <li>• HLTFA301B Apply first aid</li> </ul> <p><b>replaces</b>  FPICOR2206A Apply basic first aid</p> <ul style="list-style-type: none"> <li>• HLTFA402B Apply advanced first aid</li> </ul> <p><b>replaces</b>  BSBCM319A Apply advanced first aid</p> <ul style="list-style-type: none"> <li>• HLTFA403A Manage first aid in the workplace</li> </ul> <p><b>replaces</b>  BSBCM415A Manage first aid policy  BSBCM320A Maintain first aid equipment and resources</p> <p><b>Changes to qualifications:</b>  Minor change to Certificate I in Forest and Forest Products packaging rules. The change enables unit(s) of competency from AQF levels 1 or 2 from other nationally endorsed Training Packages to be selected.  Employability Skills Qualification Summaries added to all qualifications.</p> <p><b>Changes to units of competency:</b></p> <ul style="list-style-type: none"> <li>• FPICOT2204A has been altered and renumbered FPICOT2204B</li> <li>• FPICOT2206A has been altered and renumbered FPICOT2206B</li> </ul>

		<ul style="list-style-type: none"><li>• FPICOT2221A has been altered and renumbered FPICOT2221B</li><li>• FPIHAR2201A has been altered and renumbered FPIHAR2201B</li></ul>
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## Qualifications which replace qualifications from an existing version of a training package

The following table provides an overview of the qualifications from the Forest and Forest Products Training Package FPI05 **version 2** which replace qualifications from the existing version of the Forest and Forest Products Training Package FPI05 version 1.2.

Current Qualification			Revised Training Package VERSION 2 Replacement Qualification		
National ID	Qualification Title	Hours	National ID	Qualification Title	Hours
FPI10105	Cert I in Forest and Forest Products	300		No change in hours	
FPI20105	Cert II in Forest Growing and Management	455		No change in hours	
FPI20205	Cert II in Harvesting and Haulage	400		No change in hours	
FPI20305	Cert II in Sawmilling and Processing	440		No change in hours	
FPI20405	Cert II in Wood Panel Products	395		No change in hours	
FPI20505	Cert II in Timber Manufactured Products	325		No change in hours	
FPI20605	Cert II in Timber Merchandising	440		No change in hours	
No previous equivalent			FPI20710	Cert II in Timber Truss and Frame Design and Manufacture	317
FPI30105	Cert III in Forest Growing and Management	694		No change in hours	
FPI30205	Cert III in Harvesting and Haulage	664		No change in hours	
FPI30305	Cert III in Sawmilling and Processing	410	FPI30305	Cert III in Sawmilling and Processing	441
FPI30405	Cert III in Wood Panel Products	475		No change in hours	
FPI30505	Cert III in Timber Manufactured Products	410	FPI30505	Cert III in Timber Manufactured Products	442
FPI30605	Cert III in Timber Merchandising	561		No change in hours	
FPI30705	Cert III in Sawdoctoring	720		No change in hours	
FPI30805	Cert III in Woodmachining	730	FPI30805	Cert III in Woodmachining	760
No previous equivalent			FPI30910	Cert III in Timber Truss and Frame Design and Manufacture	495
FPI40105	Cert IV in Forest Operations	870		No change in hours	
FPI40205	Cert IV in Timber Processing	717		No change in hours	
No previous equivalent			FPI40310	Cert IV in Timber Truss and Frame Manufacture	620
No previous equivalent			FPI40410	Cert IV in Timber Truss and Frame Design	980
FPI50105	Diploma of Forest and Forest Products	1545		No change in hours	
No previous equivalent			FPI50310	Diploma of Timber Truss and Frame Manufacture	1640
No previous equivalent			FPI50410	Diploma of Timber Truss and Frame Design	1210

## Existing units of competency which are replaced by units of competency from the revised Training Package

The following table provides an overview of the units of competency from the Forest and Forest Products Training Package FPI05 version 1.2 which are replaced by the units of competency from the Forest and Forest Products Training Package FPI05 version 2.

Version 1.2			Version 2		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
FPICOR3201A	Implement safety, health and environment policies and procedures	30	FPICOR3201A	Implement safety, health and environment policies and procedures	60
FPICOR4201A	Monitor safety, health and environment policies and procedures	20	FPICOR4201A	Monitor safety, health and environment policies and procedures	60
FPICOR4203A	Monitor quality and product care procedures	30	FPICOR4203A	Monitor quality and product care procedures	60
	No previous equivalent – New unit		FPICOT2235A	Assess timber for manufacturing potential	20
FPICOT2204B	Maintain chainsaws	20	FPICOT2237A	Maintain chainsaws	20
FPICOT2206B	Cross cut materials with a hand-held chainsaw	40	FPICOT2238A	Cut materials with a hand-held chainsaw	40
FPICOT2221B	Trim and cross cut felled trees	40	FPICOT2239A	Trim and cut felled trees	40
FPICOT3218A	Quote and interpret from manufactured timber product plans	25	FPICOT3218B	Quote and interpret from manufactured timber product plans	40
FPICOT3220A	Quote and interpret from computerised timber manufactured product plans	40	FPICOT3220B	Quote and interpret from computerised timber manufactured product plans	40
FPICOT4202A	Design timber structures	60	FPICOT4202B	Design timber structures	60
FPIFGM5202A	Manage tending operations in a native forest	90	FPIFGM5210A	Manage tending operations in a native forest	90
FPIFGM5203A	Coordinate stand nutrition	120	FPIFGM5211A	Coordinate stand nutrition	120
FPIFGM5204A	Manage genetic resources	135	FPIFGM5212A	Manage genetic resources	135
FPIFGM5205A	Coordinate plantation tending operations	120	FPIFGM5213A	Coordinate plantation tending operations	120
FPIFGM5206A	Develop a native forest regeneration plan	90	FPIFGM5214A	Develop a native forest regeneration plan	90
FPIFGM5207A	Breed trees	90	FPIFGM5215A	Breed trees	90
FPIFGM5209A	Manage coupe planning	200	FPIFGM5216A	Manage coupe planning	200
FPIHAR2201B	Trim and cross cut harvested trees	40	FPIHAR2207A	Trim and cut harvested trees	40
	No previous equivalent – New unit		FPITMM2203A	Read and interpret timber truss, floor and/or frame fabrication plans	30
	No previous equivalent – New unit		FPITMM3204A	Interpret designs to prepare timber roof truss drawings and documents using computers	75
	No previous equivalent – New unit		FPITMM3205A	Interpret designs to prepare timber floor system drawings and documents using computers	75

Version 1.2			Version 2		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
	No previous equivalent – New unit		FPITMM3206A	Interpret designs to prepare timber wall frame drawings and documents using computers	75
	No previous equivalent – New unit		FPITMM3207A	Set up timber floor trusses	30
	No previous equivalent – New unit		FPITMM4205A	Prepare and advise on a broad range of timber roof truss details using computers	120
	No previous equivalent – New unit		FPITMM4206A	Prepare and advise on a broad range of timber floor system details using computers	120
	No previous equivalent – New unit		FPITMM4207A	Prepare and advise on a broad range of timber wall frame details using computers	120

## Traineeships, Apprenticeships and Pre-Apprenticeships

The following table provides a summary of the qualifications in the Forest and Forest Products Training Package FPI05 **Version 2** and the accredited traineeship, apprenticeship and pre-apprenticeship courses they will replace.

Forest and Forest Products Training Package FPI05 VERSION 1.2 Current Qualification				Forest and Forest Products Training Package FPI05 VERSION 2 Replacement Qualification		
National ID	Qualification Title	TRAINEESHIP/APPRENTICESHIP	Hours	National ID	Qualification Title	Hours
<b>Traineeship</b>						
FPI20105	Certificate II in Forest Growing and Management		455		No Change	
FPI20305	Certificate II in Sawmilling and Processing		440		No Change	
FPI20505	Certificate II in Timber Manufactured Products		325		No Change	
FPI20605	Certificate II in Timber Merchandising		440		No Change	
FPI30105	Certificate III in Forest Growing and Management		694		No Change	
FPI30305	Certificate III in Sawmilling and Processing		410	FPI30305	Certificate III in Sawmilling and Processing	441
FPI30505	Certificate III in Timber Manufactured Products		410	FPI30505	Certificate III in Timber Manufactured Products	442
FPI30605	Certificate III in Timber Merchandising		561		No Change	
FPI40105	Certificate IV in Forest Operations		870		No Change	
FPI40205	Certificate IV In Timber Processing		717		No Change	

## Examples of Training Package Programs

Units of competency may be customised so that the tasks involved in demonstrating competence are designed to meet the requirements of an individual enterprise or to satisfy regulations in a particular state or territory.

Each qualification in the Forest and Forest Products Training Package FPI05 **Version 2** may be customised to meet the context in which the training is taking place. A qualification can also be customised to accommodate a learner's chosen career pathway.

The following are examples of suitable training programs for Forest and Forest Products Training Package FPI05 **Version 2**. The models are not intended to be prescriptive but illustrate ways that qualifications can be achieved.

## FPI10105 – Certificate I in Forest and Forest Products

<b>Qualification Title</b>	Certificate I in Forest and Forest Products
<b>Qualification Code</b>	FPI10105
<b>Qualification Packaging Rules</b>	Total number of units = 7 <ul style="list-style-type: none"> <li>○ 5 Core units plus</li> <li>○ 2 Elective units from a relevant Certificate I or II from an endorsed Training Package or State/Territory accredited course</li> </ul>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR2203A	Follow environmental care procedures	20
FPICOR2205A	Follow OHS policies and procedures	20
FPICOR2207A	Maintain quality and product care	20
<b>Elective Units</b>		
FPIFGM2203A	Plant trees by hand	10
RTF2024A	Tend nursery plants	25
<b>TOTAL</b>		<b>135</b>

## FPI20105 – Certificate II in Forest Growing and Management

<b>Qualification Title</b>	Certificate II in Forest Growing and Management
<b>Qualification Code</b>	FPI20105
<b>Qualification Packaging Rules</b>	<p>Total number of units = 13</p> <ul style="list-style-type: none"> <li>○ 6 Core units plus</li> <li>○ 3 Elective units from Group A plus</li> <li>○ 4 Elective units from Group A and/or Group B, which can include up to 2 units from a relevant Certificate II or III from an endorsed Training Package or State/Territory accredited course</li> </ul> <p>These units must be relevant to work undertaken in the Forest Growing and Management sector of the industry</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR2203A	Follow environmental care procedures	20
FPICOR2204A	Follow fire prevention procedures	20
FPICOR2205A	Follow OHS policies and procedures	20
HLTFA301B	Apply first aid	20
<b>Group A Elective Units</b>		
FPICOT2221A	Trim and cross cut felled trees	40
FPIFGM2204A	Plant trees mechanically	10
FPIFGM2205A	Prune trees	20
FPIFGM2208A	Fall trees manually (basic)	80
PUA EQU001A	Prepare, maintain and test response equipment	20
<b>Group B Elective Units</b>		
BSBCMN205A	Use business technology	30
RTC2706A	Apply chemicals under supervision	30
<b>TOTAL</b>		<b>350</b>

## FPI20205 – Certificate II in Harvesting and Haulage

<b>Qualification Title</b>	Certificate II in Harvesting and Haulage
<b>Qualification Code</b>	FPI20205
<b>Qualification Packaging Rules</b>	<p>Total number of units = 13</p> <ul style="list-style-type: none"> <li>○ 7 Core units plus</li> <li>○ 2 Elective units from Group A plus</li> <li>○ 4 Elective units from Group A and/or Group B, which can include up to 2 units from a relevant Certificate II or III from an endorsed Training Package or State/Territory accredited course</li> </ul> <p>These units must be relevant to work undertaken in the Forest Growing and Management sector of the industry</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR2203A	Follow environmental care procedures	20
FPICOR2204A	Follow fire prevention procedures	20
FPICOR2205A	Follow OHS policies and procedures	20
FPICOR2207A	Maintain quality and product care	20
HLTFA301B	Apply first aid	20
<b>Group A Elective Units</b>		
FPICOT2223A	Segregate and sort logs	12
FPIHAR2201B	Trim and cross cut harvested trees	40
FPIHAR2202A	Harvest trees manually (basic)	80
FPIHAR2206A	Operate a mobile chipper/mulcher	30
<b>Group B Elective Units</b>		
FPICOT2204B	Maintain chainsaws	20
<b>Other Elective Units</b>		
FPIHAR3204B	Conduct skidder operations	40
<b>TOTAL</b>		<b>362</b>

## FPI20305 – Certificate II in Sawmilling and Processing

<b>Qualification Title</b>	Certificate II in Sawmilling and Processing
<b>Qualification Code</b>	FPI20305
<b>Qualification Packaging Rules</b>	<p>Total number of units = 13</p> <ul style="list-style-type: none"> <li>○ 5 Core units plus</li> <li>○ 3 Elective units from Group A plus</li> <li>○ 5 Elective units from Group A and/or Group B, which can include up to 2 units from a relevant Certificate II or III from an endorsed Training Package or State/Territory accredited course</li> </ul> <p>These units must be relevant to work undertaken in the Sawmilling and Processing sector of the industry</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR2203A	Follow environmental care procedures	20
FPICOR2205A	Follow OHS policies and procedures	20
FPICOR2207A	Maintain quality and product care	20
<b>Group A Elective Units</b>		
FPICOT2202A	Rack material	15
FPICOT2215A	Visually stress grade hardwood	20
FPICOT2216A	Visually stress grade softwood	20
FPICOT2226A	Debark logs mechanically	20
FPICOT2229A	Dock material to length	17
FPICOT3203A	Weigh loads	20
FPISAW2208A	Split wood products	20
<b>Group B Elective Units</b>		
FPICOT2210A	Tally material	10
<b>TOTAL</b>		<b>242</b>

## FPI20405 – Certificate II in Wood Panel Products

<b>Qualification Title</b>	Certificate II in Wood Panel Products
<b>Qualification Code</b>	FPI20405
<b>Qualification Packaging Rules</b>	<p>Total number of units = 13</p> <ul style="list-style-type: none"> <li>○ 5 Core units plus</li> <li>○ 2 Elective units from Group A plus</li> <li>○ 6 Elective units from Group A and/or Group B, which can include up to 3 units from a relevant Certificate II or III from an endorsed Training Package or State/Territory accredited course</li> </ul> <p>These units must be relevant to work undertaken in the Wood Panel Products sector of the industry</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR2203A	Follow environmental care procedures	20
FPICOR2205A	Follow OHS policies and procedures	20
FPICOR2207A	Maintain quality and product care	20
<b>Group A Elective Units</b>		
FPICOT2207A	Dress boards and timber	40
FPICOT2225A	Chip or flake wood	18
FPICOT2226A	Debark logs mechanically	20
FPIWPP2202A	Surface treat raw board	20
FPIWPP2205A	Prepare chip or fibre blends	20
FPIWPP2210A	Cut panels to profile	20
<b>Group B Elective Units</b>		
FPICOT2219A	Use hand-held tools	20
TLID1307C	Move materials mechanically using automated equipment	40
<b>TOTAL</b>		<b>298</b>

## FPI20505 – Certificate II in Timber Manufactured Products

<b>Qualification Title</b>	<b>Certificate II in Timber Manufactured Products</b>
<b>Qualification Code</b>	FPI20505
<b>Qualification Packaging Rules</b>	<p>Total number of units = 13</p> <ul style="list-style-type: none"> <li>○ 5 Core units <i>plus</i></li> <li>○ 3 Elective units from Group A <i>plus</i></li> <li>○ 5 Elective units from Group A and/or Group B, which can include up to 2 units from a relevant Certificate II or II from an endorsed Training Package or State/Territory accredited course.</li> </ul> <p>These units must be relevant to work undertaken in the Timber Manufactured Products sector of the industry.</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR2203A	Follow environmental care procedures	20
FPICOR2205A	Follow OHS policies and procedures	20
FPICOR2207A	Maintain quality and product care	20
<b>Group A Elective Units</b>		
FPICOT2207A	Dress boards and timber	40
FPICOT2229A	Dock material to length	17
FPICOT2230A	Assemble products	17
FPITMM2201A	Cut material to length and angles	30
FPITMM2202A	Machine material	20
<b>Group B Elective Units</b>		
FPICOT2210A	Tally material	10
FPICOT2228A	Store materials	20
FPICOT2231A	Pack products	15
<b>TOTAL</b>		<b>269</b>

## FPI20605 – Certificate II in Timber Merchandising

<b>Qualification Title</b>	Certificate II in Timber Merchandising
<b>Qualification Code</b>	FPI20605
<b>Qualification Packaging Rules</b>	<p>Total number of units = 13</p> <ul style="list-style-type: none"> <li>○ 6 Core units plus</li> <li>○ 3 Elective units from Group A plus</li> <li>○ 4 Elective units from Group A and/or Group B, which can include up to 2 units from a relevant Certificate II or III from an endorsed Training Package or State/Territory accredited course</li> </ul> <p>These units must be relevant to work undertaken in the Timber Merchandising sector of the industry</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

Unit Code	Unit Title	Nominal Hours
<b>Core Units</b>		
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR2203A	Follow environmental care procedures	20
FPICOR2205A	Follow OHS policies and procedures	20
SIRXCCS002A	Interact with customers	20
SIRXSL002A	Advise on products and services	20
<b>Group A Elective Units</b>		
FPICOT2228A	Store materials	20
FPICOT2229A	Dock material to length	17
FPITMM2202A	Machine material	20
SIRXSL001A	Sell products and services	20
TLIA1207C	Pick and process orders	20
TLID1007C	Operate a forklift	40
TLID1207C	Operate specialised load shifting equipment	40
<b>TOTAL</b>		<b>297</b>

## FPI20710 – Certificate II in Timber Truss and Frame Design and Manufacture

<b>Qualification Title</b>	Certificate II in Timber Truss and Frame Design and Manufacture
<b>Qualification Code</b>	FPI20710
<b>Qualification Packaging Rules</b>	<p>Total number of units = 13</p> <ul style="list-style-type: none"> <li>○ 7 Core units plus</li> <li>○ 6 Elective units with at least 4 from the list</li> </ul> <p>A maximum of 2 units may be selected from Group B.</p> <p>Up to 2 relevant units may be selected from units recommended for packaging at Certificate II or Certificate III from any endorsed Training Package or State/Territory accredited course</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR2203A	Follow environmental care procedures	20
FPICOR2205A	Follow OHS policies and procedures	20
FPICOR2207A	Maintain quality and product care	20
FPICOT2219A	Use hand-held tools	20
FPICOT2235A	Assess timber for manufacturing potential	20
<b>Group A Elective Units</b>		
FPICOT2229A	Dock material to length	17
FPISAW2205A	Assemble materials using nail plates	20
FPITMM2201A	Cut material to length and angles	30
FPITMM2203A	Read and interpret timber truss, floor and/or frame fabrication plans	30
TLID1007C	Operate a forklift	40
<b>Group B Elective Units</b>		
FPICOT3242A	Lay up timber roof trusses	40
<b>TOTAL</b>		<b>317</b>

## FPI30105 – Certificate III in Forest Growing and Management

<b>Qualification Title</b>	Certificate III in Forest Growing and Management
<b>Qualification Code</b>	FPI30105
<b>Qualification Packaging Rules</b>	<p>Total number of units = 13</p> <ul style="list-style-type: none"> <li>○ 6 Core units plus</li> <li>○ 3 Elective units from Group A plus</li> <li>○ 4 Elective units from Group A and/or Group B, which can include up to 2 units from a relevant Certificate II, III or IV from an endorsed Training Package or State/Territory accredited course</li> </ul> <p>These units must be relevant to work undertaken in the Forest Growing and Management sector of the industry</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBFLM312B	Contribute to team effectiveness	30
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR3201A	Implement safety, health and environment policies and procedures	60
FPICOR3203A	Evaluate fire potential and prevention	30
HLTFA301B	Apply first aid	20
<b>Group A Elective Units</b>		
FPIFGM3201A	Manage seed collection	90
FPIFGM3202A	Extract seed	20
FPIFGM3206A	Plan and implement non-commercial thinning operations	40
RTF3014A	Implement a propagation plan	30
<b>Group B Elective Units</b>		
FPICOT3202A	Navigate in remote or trackless areas	25
RTC3704A	Prepare and apply chemicals	35
RTE3307A	Co-ordinate machinery and equipment maintenance and repair	20
<b>TOTAL</b>		<b>440</b>

## FPI30205 – Certificate III in Harvesting and Haulage

<b>Qualification Title</b>	FPI30205
<b>Qualification Code</b>	Certificate III in Harvesting and Haulage
<b>Qualification Packaging Rules</b>	<p>Total number units = 13</p> <ul style="list-style-type: none"> <li>○ 7 Core units plus</li> <li>○ 2 Elective units from Group A plus</li> <li>○ 4 Elective units from Group A and/or Group B, which can include up to 2 units from a relevant Certificate II, III or IV from an endorsed Training Package or State/Territory accredited course</li> </ul> <p>These units must be relevant to work undertaken in the Harvesting and Haulage sector of the industry</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR3201A	Implement safety, health and environment policies and procedures	60
FPICOR3202A	Conduct quality and product care procedures	40
FPICOR3203A	Evaluate fire potential and prevention	30
BSBFLM312B	Contribute to team effectiveness	30
HLTFA301B	Apply first aid	20
<b>Group A Elective Units</b>		
FPICOT3223A	Grade and mark logs	20
FPIHAR3202A	Harvest trees manually (intermediate)	40
FPIHAR3205B	Conduct loader operations	40
FPIHAR3206B	Conduct forwarder operations	40
FPIHAR3207B	Conduct feller buncher operations	40
FPIHAR3210B	Conduct mechanical processor operations	40
<b>TOTAL</b>		<b>440</b>

## FPI30305 – Certificate III in Sawmilling and Processing

<b>Qualification Title</b>	Certificate III in Sawmilling and Processing
<b>Qualification Code</b>	FPI30305
<b>Qualification Packaging Rules</b>	<p>Total number of units = 13</p> <ul style="list-style-type: none"> <li>○ 6 Core units plus</li> <li>○ 2 Elective units from Group A plus</li> <li>○ 5 Elective units from Group A and/or Group B, which can include up to 3 units from a relevant Certificate II, III or IV from an endorsed Training Package or State/Territory accredited course</li> </ul> <p>These units must be relevant to work undertaken in the Sawmilling and Processing sector of the industry</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBFLM312B	Contribute to team effectiveness	30
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR3201A	Implement safety, health and environment policies and procedures	60
FPICOR3202A	Conduct quality and product care procedures	40
FPICOR3204A	Visually assess materials	17
<b>Group A Elective Units</b>		
FPICOT3212A	Replace saws, blades and guides	40
FPICOT3225A	Mechanically stress grade timber	30
FPICOT3234A	Cut material using CNC sizing machines	32
FPICOT3235A	Machine material using CNC machining and processing centres	32
FPISAW3205A	Dry hardwood	40
FPISAW3206A	Dry softwood	40
FPISAW3227A	Select and saw logs in multi-species operations	40
<b>TOTAL</b>		<b>441</b>

## FPI30405 – Certificate III in Wood Panel Products

<b>Qualification Title</b>	Certificate III in Wood Panel Products
<b>Qualification Code</b>	FPI30405
<b>Qualification Packaging Rules</b>	<p>Total number of units = 13</p> <ul style="list-style-type: none"> <li>○ 6 Core units plus</li> <li>○ 2 Elective units from Group A plus</li> <li>○ 5 Elective units from Group A and/or Group B, which can include up to 3 units from a relevant Certificate II, III or IV from an endorsed Training Package or State/Territory accredited course</li> </ul> <p>These units must be relevant to work undertaken in the Wood Panel Products sector of the industry</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBFLM312B	Contribute to team effectiveness	30
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR3201A	Implement safety, health and environment policies and procedures	60
FPICOR3202A	Conduct quality and product care procedures	40
FPICOR3204A	Visually assess materials	17
<b>Group A Elective Units</b>		
FPICOT3206A	Cut material using high speed optimiser	35
FPICOT3228A	Plane/sand panels	15
FPICOT3245A	Grade, sort and mark material	17
FPIWPP2201A	Cut panels	20
FPIWPP3201A	Produce veneer from debarked logs	30
FPIWPP3203A	Produce fibre from chips	15
FPIWPP3213A	Heat treat material	15
<b>TOTAL</b>		<b>334</b>

## FPI30505 – Certificate III in Timber Manufactured Products

<b>Qualification Title</b>	Certificate III in Timber Manufactured Products
<b>Qualification Code</b>	FPI30505
<b>Qualification Packaging Rules</b>	Total number of units = 13 6 Core units plus 3 Elective units from Group A plus 4 Elective units from Group A and/or Group B, which can include up to 2 units from a relevant Certificate II, III or IV from an endorsed Training Package or State/Territory accredited course These units must be relevant to work undertaken in the Timber Manufactured Products sector of the industry

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBFLM312B	Contribute to team effectiveness	30
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR3201A	Implement safety, health and environment policies and procedures	60
FPICOR3202A	Conduct quality and product care procedures	40
FPICOR3204A	Visually assess material	17
<b>Group A Elective Units</b>		
FPICOT3204A	Prepare and interpret sketches and drawings	30
FPICOT3208A	Test strength of joints	25
FPICOT3209A	Set up, operate and maintain end matching operations	30
FPICOT3219A	Produce standard truss or frame plans and details using computers	40
FPICOT3220A	Quote and interpret from computerised timber manufactured product plans	40
<b>Group B Elective Units</b>		
FPICIT3236A	Coordinate stock control procedures	50
<b>Other Elective Units</b>		
TLID1007C	Operate a forklift	40
<b>TOTAL</b>		<b>442</b>

## FPI30605 – Certificate III in Timber Merchandising

<b>Qualification Title</b>	Certificate III in Timber Merchandising
<b>Qualification Code</b>	FPI30605
<b>Qualification Packaging Rules</b>	<p>Total number of units = 13</p> <ul style="list-style-type: none"> <li>○ 6 Core units plus</li> <li>○ 3 Elective units from Group A plus</li> <li>○ 4 Elective units from Group A and/or Group B, which can include up to 2 units from a relevant Certificate II, III or IV from an endorsed Training Package or State/Territory accredited course</li> </ul> <p>These units must be relevant to work undertaken in the Timber Merchandising sector of the industry</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBFLM312B	Contribute to team effectiveness	30
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR3201A	Implement safety, health and environment policies and procedures	60
FPICOR3202A	Conduct quality and product care procedures	40
SIRXSL004A	Build relationships with customers	35
SIRRRPK014A	Recommend specialised products and services	40
<b>Group A Elective Units</b>		
FPICOT3236A	Coordinate stock control procedures	50
FPITMM3203A	Estimate and cost job	50
SIRXICT003A	Operate retail information technology systems	35
SIRXINV002A	Maintain and order stock	35
SIRXRSK003A	Apply store security systems and procedures	35
TLIA1807C	Organise despatch operations	40
<b>Group B Elective Units</b>		
TLID1407C	Load and unload vehicles carrying special loads	20
<b>TOTAL</b>		<b>490</b>

## FPI30705 – Certificate III in Sawdoctoring

<b>Qualification Title</b>	Certificate III in Sawdoctoring
<b>Qualification Code</b>	FPI30705
<b>Qualification Packaging Rules</b>	<p>Total number of units = 26</p> <ul style="list-style-type: none"> <li>○ 10 Core units plus</li> <li>○ 16 Elective units, which can include up to 2 units from a relevant Certificate II, III or IV from an endorsed Training Package or State/Territory accredited course</li> </ul> <p>These units must be relevant to work undertaken by the enterprise</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBFLM312B	Contribute to team effectiveness	30
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOT3201A	Implement safety, health and environment policies and procedures	30
FPICOT3204A	Prepare and interpret sketches and drawings	30
FPICOT3211A	Maintain sawdoctoring tools	25
FPICOT3233A	Sharpen and align blades and knives	20
FPICOT3247A	Select timber for forestry operations	20
FPISAW3228A	Apply principles of blade design to sawing procedures	30
MEM05006B	Perform brazing and/or silver soldering	18
<b>Group A Elective Units</b>		
FPICOT3201A	Hand sharpen knives and blades	20
FPICOT3210A	Sharpen cutting tools	20
FPICOT3212A	Replace saws, blades and guides	40
FPICOT3216A	Assess and maintain saw performance	30
FPICOT3217A	Assess and maintain cutter performance	20
FPISAW3207A	Sharpen band saws	30
FPISAW3208A	Sharpen circular saws	30
FPISAW3210A	File and set saws	40
FPISAW3218A	Replace tungsten tips	30
FPISAW3220A	Maintain wide band saw blades	40
FPISAW3221A	Profile saw blanks	40
FPISAW3222A	Recondition band mill wheels	40
FPISAW3225A	Maintain frame saw blades	40
MEM05004C	Perform routine oxy acetylene welding	18
MEM05049B	Perform routine gas tungsten arc welding	18
MEM05050B	Perform routine gas metal arc welding	18
<b>TOTAL</b>		<b>717</b>

## FPI30805 – Certificate III in Woodmachining

<b>Qualification Title</b>	Certificate III in Woodmachining
<b>Qualification Code</b>	FPI30805
<b>Qualification Packaging Rules</b>	<p>Total number of units = 27</p> <ul style="list-style-type: none"> <li>○ 9 Core units plus</li> <li>○ 13 Elective units from Group A plus</li> <li>○ 5 Elective units from Group B, which can include up to 2 units from a relevant Certificate II, III or IV from an endorsed Training Package or State/Territory accredited course</li> </ul> <p>These units must be relevant to work undertaken by the enterprises</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBFLM312B	Contribute to team effectiveness	30
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR3201A	Implement safety, health and environment policies and procedures	60
FPICOR3202A	Conduct quality and product care procedures	40
FPICOT3201A	Hand sharpen knives and blades	20
FPICOT3204A	Prepare and interpret sketches and drawings	30
FPICOT3247A	Select timber for forestry operations	20
FPISAW3228A	Apply principles of blade design to sawing procedures	30
<b>Group A Elective Units</b>		
FPICOT2207A	Dress boards and timber	40
FPICOT2208A	Resaw boards and timber	20
FPICOT3205A	Dress boards using multi-headed machines	35
FPICOT3206A	Cut material using high speed optimiser	35
FPICOT3207A	Set up, operate and maintain finger jointing operations	30
FPICOT3209A	Set up, operate and maintain end matching operations	30
FPICOT3210A	Sharpen cutting tools	20
FPICOT3212A	Replace saws, blades and guides	40
FPICOT3214A	Take off material quantities	30
FPICOT3239A	Create drawings using computer aided design systems	30
FPICOT3244A	Cut material to profile	20
FPITMM2202A	Machine material	20
FPITMM3202A	Manufacture using joinery machines	35
<b>Group B Elective Units</b>		
BSBWOR204A	Use business technology	30
FPICOT2205A	Tail out materials	15
FPICOT2219A	Use hand-held tools	20
FPICOT2232A	Cut material to shape using a saw	20
FPIWPP2210A	Cut panels to profile	20
<b>TOTAL</b>		<b>760</b>

## FPI30910 – Certificate III in Timber Truss and Frame Design and Manufacture

<b>Qualification Title</b>	Certificate III in Timber Truss and Frame Design and Manufacture
<b>Qualification Code</b>	FPI30910
<b>Qualification Packaging Rules</b>	Total number of units = 13 <ul style="list-style-type: none"> <li>○ 5 Core units plus</li> <li>○ 8 Elective units, with at least 6 from the list below. Up to 2 relevant units may be selected from units recommended for packaging at Certificate II, Certificate III or Certificate IV in any endorsed Training Package or State/Territory accredited course</li> </ul>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBFLM312C	Contribute to team effectiveness	30
FPICOR2201A	Work effectively in the forest and forest products industry	20
FPICOR2202A	Communicate and interact effectively in the workplace	20
FPICOR3201A	Implement safety, health and environment policies and procedures	60
FPICOR3202A	Conduct quality and product care procedures	40
<b>Group A Elective Units</b>		
FPITMM3204A	Interpret designs to prepare timber roof truss drawings and documents using computers	75
<b>Group B Elective Units</b>		
CPCBC4001A	Apply building codes and standards to the construction process for low rise building projects	40
FPICOT3204A	Prepare and interpret sketches and drawings	30
FPICOT3214A	Take off material quantities	30
FPICOT3218B	Quote and interpret from manufactured timber product plans	40
FPICOT3220B	Quote and interpret from computerised timber manufactured product plans	40
FPICOT3239A	Create drawings using computer aided design systems	30
<b>Group C Elective Units</b>		
BSBCUS301A	Deliver and monitor a service to customers	40
<b>TOTAL</b>		<b>495</b>

## FPI40105 – Certificate IV in Forest Operations

<b>Qualification Title</b>	Certificate IV in Forest Operations
<b>Qualification Code</b>	FPI40105
<b>Qualification Packaging Rules</b>	<p>Total number of units = 14</p> <ul style="list-style-type: none"> <li>○ 5 Core units plus</li> <li>○ 2 Elective units from Group A plus</li> <li>○ 7 Elective units from Group A and/or Group B, which can include up to 2 units from a relevant Certificate III, IV or Diploma from an endorsed Training Package or State/Territory accredited course.</li> </ul> <p>One unit only may be selected from any AQF level. These units must be relevant to work undertaken in the Forest Operations sectors of the industry (including Forest Growing and Management and Harvesting and Haulage)</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBLED401A	Develop teams and individuals	40
FPICOR3203A	Evaluate fire potential and prevention	30
FPICOR4201A	Monitor safety, health and environment policies and procedures	60
FPICOR4202A	Monitor and review forestry operations	20
FPICOR4203A	Monitor quality and product care procedures	60
<b>Group A Elective Units</b>		
FPIFGM4201A	Implement a forest establishment plan	120
FPIFGM4202A	Manage stand health	120
FPIFGM4204A	Conduct a pests and diseases assessment	50
FPIFGM4207A	Conduct a forest site assessment	50
FPIFGM4210A	Prepare a tender	30
PUAFIR406A	Develop prescribed burning plans (adapted from PUALPW056A)	40
PUAFIR407A	Conduct prescribed burning	40
RTC4306A	Supervise maintenance of machinery and equipment	30
RTD4403A	Develop a pest management action plan within a local area	40
<b>TOTAL</b>		<b>730</b>

## FPI40205 – Certificate IV in Timber Processing

<b>Qualification Title</b>	Certificate IV in Timber Processing
<b>Qualification Code</b>	FPI40205
<b>Qualification Packaging Rules</b>	<p>Total number of units = 14</p> <ul style="list-style-type: none"> <li>○ 3 Core units plus</li> <li>○ 3 Elective units from Group A plus</li> <li>○ 8 Elective units from Group A and/or Group B, which can include up to 2 units from a relevant Certificate III, IV or Diploma from an endorsed Training Package or State/Territory accredited course.</li> </ul> <p>One unit only may be selected from any AQF level. These units must be relevant to work undertaken in the Timber Processing and Production sector of the industry (including Sawmilling and Processing, Wood Panel Products, Timber Manufactured Products, and Timber Merchandising)</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBLED401A	Develop teams and individuals	40
FPICOR4201A	Monitor safety, health and environment policies and procedures	60
FPICOR4203A	Monitor quality and product care procedures	60
<b>Group A Elective Units</b>		
FPICOT4201A	Produce complex truss and frame plans and details using computers	60
FPICOT4202A	Design timber structures	60
FPICOT4203A	Plan and coordinate product assembly	20
FPITMM4201A	Construct prototypes and samples	40
FPITMM4202A	Diagnose and calculate production costs	80
FPITMM4204A	Sample and test products to specifications	40
FPIWPP4202A	Perform laboratory testing	40
MCMC410A	Lead change in a manufacturing environment	50
MCMS400A	Implement a competitive manufacturing system	50
RTC4306A	Supervise maintenance of machinery and equipment	30
TDTR298B	Source Goods/services and Evaluate Contractors	30
<b>TOTAL</b>		<b>660</b>

## FPI40310 – Certificate IV in Timber Truss and Frame Manufacture

<b>Qualification Title</b>	Certificate IV in Timber Truss and Frame Manufacture
<b>Qualification Code</b>	FPI40310
<b>Qualification Packaging Rules</b>	Total number of units = 17 <ul style="list-style-type: none"> <li>○ 3 Core units plus</li> <li>○ 14 Elective units from the list. Up to 3 relevant units may be selected from units recommended for packaging at Certificate III, Certificate IV or Diploma in any endorsed Training Package or State/Territory accredited course</li> </ul>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
FPICOR4201A	Monitor safety, health and environment policies and procedures	60
FPICOR4203A	Monitor quality and product care procedures	60
BSBLED401A	Develop teams and individuals	40
<b>Elective Units</b>		
BSBCUS501A	Manage quality customer service	50
BSBITS401A	Maintain business technology	30
BSBMGT402A	Implement operational plan	40
BSBPMG407A	Apply risk management techniques	40
BSBPMG510A	Manage projects	45
CPCCBC4024A	Resolve business disputes	20
CPCCSV5010A	Interact with clients in a regulated environment	30
CPCSUS4001A	Implement and monitor environmentally sustainable work practices	40
FPICOT4203A	Plan and coordinate product assembly	20
HLTFA402B	Apply advanced first aid	40
HLTFA403A	Manage first aid in the workplace	10
MSACMS400A	Implement a competitive manufacturing system	50
MSACMT250A	Monitor process capability	30
TAADEL404B	Facilitate work-based learning	15
<b>TOTAL</b>		<b>620</b>

## FPI40410 – Certificate IV in Timber Truss and Frame Design

<b>Qualification Title</b>	Certificate IV in Timber Truss and Frame Design
<b>Qualification Code</b>	FPI40410
<b>Entry Requirements</b>	<p>The entry requirement for this qualification is the successful achievement of the following units contained in FPI30910 Certificate III Timber Truss and Frame Design and Manufacture:</p> <ul style="list-style-type: none"> <li>○ FPICOT3204A Prepare and interpret sketches and drawings</li> <li>○ FPICOT3214A Take off material quantities</li> <li>○ FPICOT3218B Quote and interpret from manufactured timber product plans</li> <li>○ FPICOT3220B Quote and interpret from computerised timber manufactured product plans</li> <li>○ FPICOT3239A Create drawings using computer aided design systems</li> </ul> <p><b>Plus at least one</b> of the following units:</p> <ul style="list-style-type: none"> <li>○ FPITMM3204A Interpret designs to prepare timber roof truss drawings and documents using computers</li> <li>○ FPITMM3205A Interpret designs to prepare timber floor system drawings and documents using computers</li> <li>○ FPITMM3206A Interpret designs to prepare timber wall frame drawings and documents using computers</li> </ul> <p><b>or</b> demonstration of equivalent competence</p>
<b>Qualification Packaging Rules</b>	<p>Total number of units = 17</p> <ul style="list-style-type: none"> <li>○ 3 Core units plus</li> <li>○ 1 unit from Group A plus</li> <li>○ 5 units from Group A or B plus</li> <li>○ 5 units from Group A, B or C plus</li> <li>○ 3 units from Group A, B or C or up to 3 relevant units may be selected from units recommended for packaging at Certificate III, Certificate IV or Diploma in any endorsed Training Package or State/Territory accredited course</li> </ul>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBLED401A	Develop teams and individuals	40
FPICOR4201A	Monitor safety, health and environment policies and procedures	60
FPICOR4203A	Monitor quality and product care procedures	60
<b>Group A Elective Units</b>		
FPITMM4205A	Prepare and advise on a broad range of timber roof truss details using computers	120
FPITMM4206A	Prepare and advise on a broad range of timber floor system details using computers	120
FPITMM4207A	Prepare and advise on a broad range of timber wall frame details using computers	120
<b>Group B Elective Units</b>		
CPCBC4001A	Apply building codes and standards to the construction process for low rise building projects	40
CPCSUS4001A	Implement and monitor environmentally sustainable work practices	40
FPICOT4202B	Design timber structures	60

FPITMM4201A	Construct prototypes and samples	40
MSAPMSUP390A	Use structured problem solving tools	40
<b>Group C Elective Units</b>		
BSBCUS401A	Coordinate implementation of customer service strategies	30
BSBINM401A	Implement workplace information system	40
CPCCB4004A	Identify and produce estimated costs for building and construction projects	60
CPCCB4024A	Resolve business disputes	20
CPCCA3006A	Erect roof trusses	40
MSACMT460A	Facilitate the use of planning software systems in manufacturing	50
<b>TOTAL</b>		<b>980</b>

## FPI50105 – Diploma of Forest and Forest Products

<b>Qualification Title</b>	Diploma of Forest and Forest Products
<b>Qualification Code</b>	FPI50105
<b>Qualification Packaging Rules</b>	<p>Total number of units = 15</p> <ul style="list-style-type: none"> <li>○ 6 Core units plus</li> <li>○ 5 Elective units from Group A plus</li> <li>○ 4 Elective units from Group A and/or Group B, which can include up to 2 units from any endorsed Training Package or State/Territory accredited course.</li> </ul> <p>These units must be relevant to work undertaken in the Forest and Forest Products industry.</p>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBCUS501A	Manage quality customer service	50
BSBMGT502B	Manage people performance	50
BSBMGT516A	Facilitate continuous improvement	50
BSBOHS504B	Apply principles of OHS risk management	50
BSBWOR501A	Manage personal work priorities and professional development	50
BSBWOR502A	Ensure team effectiveness	50
<b>Group A Elective Units</b>		
FPIFGM5201A	Plan and manage an inventory program	90
FPIFGM5203A	Coordinate stand nutrition	120
FPIFGM5205A	Coordinate plantation tending operations	120
FPIFGM5208A	Manage road construction and maintenance	150
RTE5603A	Design irrigation, drainage and water treatment systems	55
RTF4003A	Plan a plant establishment program	25
<b>Group B Elective Units</b>		
FPICOT5201A	Implement sustainable forestry practices	120
LGACOM401A	Administer contracts	60
<b>Other Elective Units</b>		
FPIFGM4203A	Design plantations	90
<b>TOTAL</b>		<b>1130</b>

## FPI50310 – Diploma of Timber Truss and Frame Manufacture

<b>Qualification Title</b>	Diploma of Timber Truss and Frame Manufacture
<b>Qualification Code</b>	FPI50310
<b>Qualification Packaging Rules</b>	Total number of units = 19 <ul style="list-style-type: none"> <li>○ 5 Core units plus</li> <li>○ 14 Elective units from the list. Up to 3 relevant units may be selected from units recommended for packaging at Certificate IV, Diploma or Advanced Diploma in any endorsed Training Package or State/Territory accredited course</li> </ul>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

<b>EXAMPLE PROGRAM</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Nominal Hours</b>
<b>Core Units</b>		
BSBCUS501B	Manage quality customer service	50
BSBMGT502B	Manage people performance	50
BSBMGT516B	Facilitate continuous improvement	50
BSBOHS504B	Apply principles of OHS risk management	50
BSBWOR501A	Manage personal work priorities and professional development	50
<b>Elective Units</b>		
BSBINM501A	Manage an information or knowledge management system	40
BSBMKG501B	Identify and evaluate marketing opportunities	50
BSBSUS501A	Develop workplace policy and procedures for sustainability	50
CPCCSV5011A	Apply building codes and standards to residential buildings	30
CPCCSV5012A	Assess timber-framed designs for one and two storey buildings	40
FPICOT5203A	Manage installation and commissioning of equipment	250
FPICOT5204A	Organise enterprise maintenance programs	100
FPITMM4202A	Diagnose and calculate production costs	80
FPITMM5201A	Assess product feasibility of designs	100
FPITMM5203A	Generate and transfer complex computer-aided drawings and specifications	150
FPITMM5204A	Manage product design	180
FPITMM5206A	Plan production	200
MSACMT631A	Undertake value analysis of product costs in terms of customer requirements	60
MSACMT662A	Develop a documentation control strategy for a manufacturing enterprise	60
<b>TOTAL</b>		<b>1640</b>

## FPI50410 – Diploma of Timber Truss and Frame Design

<b>Qualification Title</b>	Diploma of Timber Truss and Frame Design
<b>Qualification Code</b>	FPI50410
<b>Entry Requirements</b>	<p>The entry requirement for this qualification is the successful achievement of the following units contained in FPI40410 Certificate IV Timber Truss and Frame Design:</p> <ul style="list-style-type: none"> <li>○ FPICOT4202B Design timber structures</li> <li>○ FPITMM4201A Construct prototypes and samples</li> <li>○ MSAPMSUP390A Use structured problem solving tools</li> <li>○ CPCCBC4001A Apply building codes and standards to the construction process for low rise building projects</li> <li>○ CPCSUS4001A Implement and monitor environmentally sustainable work practices</li> </ul> <p><b>Plus at least one</b> of the following units:</p> <ul style="list-style-type: none"> <li>○ FPITMM4205A Prepare and advise on a broad range of timber roof truss details using computers</li> <li>○ FPITMM4206A Prepare and advise on a broad range of timber floor system details using computers</li> <li>○ FPITMM4207A Prepare and advise on a broad range of timber wall frame details using computers</li> </ul> <p><b>or</b> demonstration of equivalent competence</p>
<b>Qualification Packaging Rules</b>	<p>Total number of units = 19</p> <ul style="list-style-type: none"> <li>○ 5 Core Units plus</li> <li>○ 5 units from Group A plus 6 units from Group B plus</li> <li>○ 3 units from Group A or B or up to 3 relevant units may be selected from units recommended for packaging at Certificate IV, Diploma or Advanced Diploma in any endorsed Training Package or State/Territory accredited course</li> </ul>

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
<b>Core Units</b>		
BSBCUS501B	Manage quality customer service	50
BSBMGT502B	Manage people performance	50
BSBMGT516B	Facilitate continuous improvement	50
BSBOHS504B	Apply principles of OHS risk management	50
BSBWOR501A	Manage personal work priorities and professional development	50
<b>Group A Elective Units</b>		
CPCCSV5011A	Apply building codes and standards to residential buildings	30
CPCCSV5012A	Assess timber-framed designs for one and two storey buildings	40
FPITMM5201A	Assess product feasibility of designs	100
FPITMM5203A	Generate and transfer complex computer-aided drawings and specifications	150
FPITMM5204A	Manage product design	180
<b>Group B Elective Units</b>		
BSBINM501A	Manage information or knowledge management system	40
BSBMKG501B	Identify and evaluate marketing opportunities	50

BSBSUS501A	Develop workplace policy and procedures for sustainability	50
CPCCSV5015A	Assess structural requirements for domestic scale buildings	40
MSACMT452A	Apply statistics to processes in manufacturing	40
MSACMT630A	Optimise cost of product	60
MSACMT631A	Undertake value analysis of product costs in terms of customer requirements	60
MSACMT662A	Develop a documentation control strategy for a manufacturing enterprise	60
MSACMT675A	Facilitate the development of a new product	60
<b>TOTAL</b>		<b>1210</b>