



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **FPI50105 Diploma of Forest and Forest Products**

**Release: 1**

## **FPI50105 Diploma of Forest and Forest Products**

### **Modification History**

Not Applicable

### **Description**

Not Applicable

### **Pathways Information**

Not Applicable

### **Licensing/Regulatory Information**

Not Applicable

### **Entry Requirements**

Not Applicable

## Employability Skills Summary

### EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

The following table contains a summary of the employability skills for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on the packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> <li>Adjust and communicate strategies to all stakeholders according to organisational procedures</li> <li>Communicate information from line manager/management to the team</li> <li>Consult team members to establish team purpose, roles, responsibilities and accountabilities in accordance with organisational goals, plans and objectives</li> <li>Manage records, reports and recommendations within the organisation's systems and processes</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>Develop strategies to ensure that team members are actively encouraged and supported to participate in decision making processes, and to assume responsibility and exercise initiative as appropriate</li> <li>Ensure leadership, supervision, coaching and mentoring assist colleagues to overcome difficulty in meeting customer service standards</li> <li>Manage team performance to consistently meet the organisation's quality and delivery standards</li> <li>Support team members in meeting expected performance outcomes</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>Communicate to, and follow up with, line manager/management and other relevant stakeholders, unresolved issues, concerns and problems raised by team members</li> <li>Develop processes to ensure that issues, concerns and problems identified by team members are recognised and addressed</li> <li>Take decisions to overcome problems and to adapt customer service and products and/or service delivery in consultation with appropriate individuals and groups</li> <li>Use problem-solving skills to deal with complex and non-routine difficulties</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>Identify and develop new skills to achieve and maintain a competitive edge</li> </ul>

**EMPLOYABILITY SKILLS QUALIFICATION SUMMARY**

	<ul style="list-style-type: none"> <li>• Seek and use feedback from employees, clients and colleagues to identify and develop ways to improve competence</li> <li>• Take individual initiative to achieve and extend personal work goals beyond those planned</li> <li>• Take initiative to prioritise and facilitate competing demands to achieve personal, team and the organisation's goals and objectives</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• Ensure personal work goals, plans and activities reflect the organisation's plans, and own responsibilities and accountabilities</li> <li>• Ensure personal work planning and organisation serve as a positive role model in the workplace</li> <li>• Investigate, understand and assess the needs of customers and include in planning processes</li> <li>• Prepare action plans, including allocated responsibilities and time frames for implementation</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>• Adjust own interpersonal styles and methods to the organisation's social and cultural environment, and guide and support members of the work team in their personal adjustment process</li> <li>• Assess the effectiveness of own management development</li> <li>• Ensure own contribution to work team serves as a role model for others and enhances the organisation's image to all stakeholders</li> <li>• Undertake participation in networks to enhance personal knowledge, skills and work relationships</li> </ul>
Learning	<ul style="list-style-type: none"> <li>• Assess personal knowledge and skills against competency standards to determine development needs, priorities and plans</li> <li>• Identify, evaluate, select and use development opportunities suitable to personal learning style/s to develop competence</li> <li>• Manage opportunities for further improvement</li> </ul>
Technology	<ul style="list-style-type: none"> <li>• Develop strategies to ensure that systems and procedures including technology are used to monitor operational progress and to identify ways in which planning and operations could be improved</li> <li>• Use technology efficiently and effectively to manage work priorities and commitments</li> </ul>

## Packaging Rules

### Packaging Rules

Total number of units = 15

- 6 Core units *plus*
- 5 Elective units from Group A *plus*
- 4 Elective units from Group A and/or Group B, which can include up to 2 relevant units from any endorsed Training Package or State/Territory accredited course  
Elective units must be relevant to work undertaken in the Forest and Forest Products industry

### CORE UNITS

Field	Unit Code	Unit Name
Common Generic	BSBCUS501B	Manage quality customer service
	BSBMGT502B	Manage people performance
	BSBMGT516C	Facilitate continuous improvement
	BSBOHS504B	Apply principles of OHS risk management
	BSBWOR501B	Manage personal work priorities and professional development
	BSBWOR502B	Ensure team effectiveness

### GROUP A ELECTIVE UNITS

Field	Unit Code	Unit Name
Fire Control	PUAFIR501B	Conduct fire investigation and analysis activities (unit has <i>PUALAW001B Protect and preserve incident scene as a pre-requisite</i> )
	PUAFIR509B	Implement prevention strategies
	PUAOPE007B	Command agency personnel within a multi-agency emergency response (unit has <i>PUAOPE001B Supervise response as a pre-requisite</i> )
Breeding & Propagation	FPIFGM5212A	Manage genetic resources
	FPIFGM5215A	Breed trees
	RTF5012A	Manage a controlled growing environment

**CORE UNITS**

Site Establishment & Maintenance	FPIFGM5201B	Plan and manage an inventory program
	FPIFGM5208B	Manage road construction and maintenance
	FPIFGM5214A	Develop a native forest regeneration plan
	FPICOT5206A	Implement Forestry Chain of Custody certification system
	FPIFGM5217A	Promote plantations as a sustainable form of land use
	LGAPLEM404A	Prepare and present geographic information systems data
	LGAPLEM612B	Protect heritage and cultural assets
	RTE5603A	Design irrigation, drainage and water treatment systems
Tree Growing & Maintenance	RTE5606A	Manage water systems
	FPICOT5205A	Develop biohazard contingency plans
	FPIFGM5210A	Manage tending operations in a native forest
	FPIFGM5211A	Coordinate stand nutrition
	FPIFGM5213A	Coordinate plantation tending operations
	FPIFGM5216A	Manage coupe planning
	RTD5402A	Develop a strategy for the management of target pests
	RTE5525A	Manage trial and/or research material
	RTF4003A	Plan a plant establishment program
	RTF4014A	Plan a growing-on program
Harvesting	RTF4015A	Plan a propagation program
	FPICOT5209A	Manage tree harvesting to minimise environmental impact
	FPIHAR5201B	Design harvesting plans

**CORE UNITS**

Timber Products & Processes	FPICOT4201B	Produce complex truss and frame plans and details using computers
	FPICOT4202B	Design timber structures
	FPICOT4204B	Schedule and coordinate load shifting
	FPICOT4205B	Coordinate log debarking operations
	FPICOT4206B	Plan and coordinate boiler operations
	FPICOT4207B	Plan and coordinate heat plant operations
	FPICOT5207A	Implement sustainability in the workplace
	FPIFGM5218A	Undertake carbon storage sampling of forests and plantations
	FPISAW4201B	Plan and monitor timber treatment plant operations
	FPISAW4202B	Plan and monitor saw log operations
	FPISAW4203B	Coordinate timber drying operations
	FPISAW4204B	Plan and monitor board conversion
	FPITMM4202B	Diagnose and calculate production costs
	FPITMM4203B	Install and commission CNC software
	FPITMM4204B	Sample and test products to specifications
	FPITMM5201B	Assess product feasibility of designs
	FPITMM5202B	Develop, trial and evaluate prototypes
	FPITMM5203B	Generate and transfer complex computer-aided drawings and specifications
	FPITMM5204B	Manage product design
	FPITMM5205B	Optimise CNC operations
	FPITMM5206B	Plan production
	FPIWPP4201B	Plan and coordinate panel production
	FPIWPP4202B	Perform laboratory testing

**CORE UNITS**

Competitive Manufacturing	MSACMS600A	Develop a competitive manufacturing system
	MSACMS603A	Develop manufacturing related business plans

**GROUP B ELECTIVE UNITS**

Field	Unit Code	Unit Name
Machinery & Equipment	FPICOT5203B	Manage installation and commissioning of equipment
	FPICOT5204B	Organise enterprise maintenance programs
Safety & Quality Processes	BSBR5K501A	Manage risk
	BSBSUS501A	Develop workplace policy and procedures for sustainability
	FPICOT5201B	Implement sustainable forestry practices
	PUAOPE005B	Manage a multi-team response
	RTC4702A	Minimise risks in the use of chemicals
Administration & Business	BSBAUD501B	Initiate a quality audit
	BSBINM501A	Manage an information or knowledge management system
	BSBFIM501A	Manage budgets and financial plans
	LGACOM401A	Administer contracts
	LGACOM409A	Prepare tender documentation
Planning & Analysis	BSBINN502A	Build and sustain an innovative work environment
	BSBMGT515A	Manage operational plan
	BSBPMG510A	Manage projects
	BSBWRK506A	Coordinate research and analysis
	PSPGOV521A	Collect statistical data



**CORE UNITS**

Training & Assessment	BSBLED501A	Develop a workplace learning environment
Communication & Relationships	FPICOT5202B	Manage forestry information and interpretations programs
	FPICOT5208A	Build and maintain community relationships
	LGACOM502B	Devise and conduct community consultations
	LGAEHRR504C	Implement public environmental health education programs
	RTE5921A	Market products and services