



Australian Government

FWP30816 Certificate III in Woodmachining

Release 2

FWP30816 Certificate III in Woodmachining

Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 4.0.
Release 1	This version released with FWP Forest and Wood Products Training Package Version 2.0.

Qualification Description

This qualification is designed for job roles in the sawmilling and processing sector of the forest and forest products industry.

Job roles

This qualification has one employment pathway for typical operational environments of sawmilling and processing. This is:

- Wood Machinist

Licensing, legislative, regulatory, or certification requirements may apply to units in this qualification in some states & territories at the time of publication and may differ according to jurisdiction.

Some imported units in the elective bank may be subject to licensing, legislative, regulatory, or certification requirements. These units must be implemented in line with the licensing requirements outlined in the unit's parent Training Package.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 27 units of competency:
 - 9 core units plus
 - 18 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:

- 13 units from Group A
- 5 units from Group B, the total of which can include up to 2 units recommended for packaging at Certificate II, III or IV level from this or any other endorsed Training Package or state/territory accredited course.

Elective units must be relevant to work undertaken in the sawmilling and processing sector of the industry.

Core Units

BSBFLM312	Contribute to team effectiveness
FWPCOR2201	Work effectively in the forest and forest products industry
FWPCOR2202	Communicate and interact effectively in the workplace
FWPCOR3201	Implement safety, health and environment policies and procedures
FWPCOR3202	Conduct quality and product care procedures
FWPCOT3201	Hand sharpen knives and blades
FWPCOT3204	Prepare and interpret sketches and drawings
FWPCOT3247	Select timber for forestry operations
FWPSAW322 8	Apply principles of blade design to sawing procedures

Elective Units

Group A

Sawing Operations

FWPCOT2207	Dress boards and timber
FWPCOT2208	Resaw boards and timber
FWPCOT3206	Cut material using high speed optimiser
FWPCOT3207	Set up, operate and maintain finger jointing operations
FWPCOT3209	Set up, operate and maintain end matching operations
FWPCOT3214	Take off material quantities

FWPCOT3239	Create drawings using computer aided design systems
FWPCOT3265	Cut timber or engineered wood product to profile
FWPCOT3266	Dress timber using multi-headed machines
FWPTMM220 2	Machine material
FWPTMM320 2	Manufacture using joinery machines

Sawdoctoring

FWPCOT3210	Sharpen cutting tools
FWPCOT3212	Replace saws, blades and guides
FWPCOT3213	Manufacture cutting tools
FWPCOT3216	Assess and maintain saw performance
FWPCOT3217	Assess and maintain cutter performance
FWPCOT3233	Sharpen and align blades and knives
FWPCOT3237	Produce templates
FWPSAW320 8	Sharpen circular saws
FWPSAW321 0	File and set saws
FWPSAW321 3	Level and tension circular saws
FWPSAW321 8	Replace tungsten tips

Group B

Sawing Operations

FWPCOT2205	Tail out materials
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FWPCOT2219	Use hand-held tools
FWPCOT2232	Cut material to shape using a saw
FWPCOT3234	Cut material using CNC sizing machines
FWPCOT3235	Machine material using CNC machining and processing centres
FWPSAW322 6	Saw logs using CNC optimising systems
FWPTMM320 1	Convert timber
FWPWPP2210	Cut panels to profile

Timber Products

FWPCOT2224	Band edges of panels
FWPTMM420 3	Install and commission CNC software

Safety and Quality Processes

FWPCOT3263	Maintain and contribute to energy efficiency
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Timber Grading and Testing

Select a maximum of 2 of the following

FWPCOT2212	Grade hardwood sawn and milled products
FWPCOT2213	Grade softwood sawn and milled products
FWPCOT2214	Grade cypress sawn and milled products
FWPCOT2215	Visually stress grade hardwood
FWPCOT2216	Visually stress grade softwood
FWPCOT2217	Visually stress grade cypress

Administration and Business

BSBWOR204	Use business technology
FWPTMM320 3	Estimate and cost job

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWP30816 Certificate III in Woodmachining Release 2	FWP30816 Certificate III in Woodmachining Release 1	Updated to include revised units and superseded and deleted imported units	Equivalent qualification

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>