

## Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

FWP4XX20	Certificate IV in Timber Systems Design																
<p><b>Qualification Description</b></p> <p>This qualification reflects the role of people who work as timber systems designers in the timber truss and frame industry. It describes the skills and knowledge required to read architectural plans to calculate material quantities and costs, and produce building code compliant timber system wall and/or truss fabrication plans and documents.</p> <p>This qualification is designed for job roles in the timber systems design, including:</p> <ul style="list-style-type: none"> <li>• Timber Systems Designer (Truss and/or Frame)</li> <li>• Estimator</li> <li>• Detailer</li> </ul> <p>No licensing, legislative or certification requirements apply to this qualification at the time of publication.</p>																	
<p><b>Entry Requirements</b></p> <p>There are no entry requirements for this qualification.</p>																	
<p><b>Packaging Rules</b></p> <p>To achieve this qualification, competency must be demonstrated in:</p> <ul style="list-style-type: none"> <li>• 15 units of competency: <ul style="list-style-type: none"> <li>• 8 core units plus</li> <li>• 7 elective units.</li> </ul> </li> </ul> <p>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:</p> <ul style="list-style-type: none"> <li>• at least 4 units from Group A</li> <li>• up to 2 units from any currently endorsed Training Package or accredited course.</li> </ul>																	
<p><b>Core Units</b></p> <table border="1"> <tbody> <tr> <td>FWPCOT3219</td> <td>Produce standard truss or frame plans and details using computers</td> </tr> <tr> <td>CPPCMN4008</td> <td>Read plans, drawings and specifications for residential buildings</td> </tr> <tr> <td>BSBXTW301</td> <td>Work in a team</td> </tr> <tr> <td>FWPCOT3XXX</td> <td>Interpret and quote from manufactured timber product plans</td> </tr> <tr> <td>FWPCOT3214</td> <td>Take off material quantities</td> </tr> <tr> <td>FWPXXXXXXX</td> <td>Work effectively in the timber systems design industry</td> </tr> <tr> <td>FWPCOR2205</td> <td>Follow WHS policies and procedures</td> </tr> <tr> <td>FWPCOT3XXX</td> <td>Prepare sketches and drawings</td> </tr> </tbody> </table>		FWPCOT3219	Produce standard truss or frame plans and details using computers	CPPCMN4008	Read plans, drawings and specifications for residential buildings	BSBXTW301	Work in a team	FWPCOT3XXX	Interpret and quote from manufactured timber product plans	FWPCOT3214	Take off material quantities	FWPXXXXXXX	Work effectively in the timber systems design industry	FWPCOR2205	Follow WHS policies and procedures	FWPCOT3XXX	Prepare sketches and drawings
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CPCBC4001A	Apply building codes and standards to the construction process for low rise building projects
FWPCOT4XXX	Design timber structures
<b>Group B</b>	
AHCWRK509	Provide specialist advice to clients
CPCBC4024A	Resolve business disputes
CPPBDN5001A	Research construction materials and methods for small-scale residential building design
TAEDEL301	Provide work skill instruction
MSMSUP390	Use structured problem-solving tools
TLIJ3002	Apply quality system
BSBCUS401	Coordinate implementation of customer service strategies
CPCCCM1015	Carry out measurements and calculations

<b>Qualification Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
FWP4XX20 Certificate IV in Timber Systems Design	FWP40416 Certificate IV in Timber Truss and Frame Design	Removal of entry requirements. Change to number of units for qualification outcome and core and elective units.	No equivalent qualification
<b>Links</b>			
Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47</a> .			