Modification History

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

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| FWP40420 | Certificate IV in Timber Systems Design |
| Qualification Description  This qualification reflects the role of people who work as timber systems designers, estimators or detailers in the timber truss and frame industry. In these roles they are 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.  No licensing, legislative or certification requirements apply to this qualification at the time of publication. | |
| Entry Requirements  There are no entry requirements for this qualification. | |
| Packaging Rules  To achieve this qualification, competency must be demonstrated in:   * 15 units of competency: * 6 core units plus * 9 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:   * at least five units must be selected from Group A * remaining elective units may be selected from Group A or Group B and up to two units may be selected from any currently endorsed Training Package or accredited course.   Core Units   |  |  | | --- | --- | | CPPCMN4008 | Read plans, drawings and specifications for residential buildings | | BSBXTW301 | Work in a team | | FWPCOT3305 | Interpret and quote from manufactured timber product plans | | FWPCOT3304 | Take off material quantities | | FWPTMM3215 | Work effectively in the timber systems design industry | | FWPCOT3303 | Prepare sketches and drawings |   Elective Units  Group A   |  |  | | --- | --- | | FWPCOT3219 | Produce standard truss or frame plans and details using computers | | FWPCOT4201 | Produce complex truss and frame plans and details using computers | | FWPTMM4211 | Interpret details of timber wall frames to inform design of plans and production documents | | FWPTMM4209 | Interpret details of timber roof trusses to inform design of plans and production documents | | FWPTMM4210 | Interpret details of timber floor systems to inform design of plans and production documents | | CPCCBC4001A | Apply building codes and standards to the construction process for low rise building projects | | FWPCOT4209 | Design timber structures |   Group B   |  |  | | --- | --- | | AHCWRK509 | Provide specialist advice to clients | | CPCCBC4024A | Resolve business disputes | | CPPBDN5001A | Research construction materials and methods for small-scale residential building design projects | | 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 | | FWPCOR2205 | Follow WHS policies and procedures | | FWPCOT3307 | Create drawings using computer aided design software | | |

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| Qualification Mapping Information   | Code and title current version | Code and title previous version | Comments | Equivalence status | | --- | --- | --- | --- | | FWP40420 Certificate IV in Timber Systems Design | FWP40416 Certificate IV in Timber Truss and Frame Design | Retitled  Removal of entry requirements. Change to number of units for qualification outcome and core and elective units. | Not Equivalent | |
| Links  Companion Volumes, including Implementation Guides, are available at VETNet: <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>. |