



Australian Government

FWP40316 Certificate IV in Timber Truss and Frame Manufacture

Release 2

FWP40316 Certificate IV in Timber Truss and Frame Manufacture

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 timber truss and frame sector of the forest and forest products industry.

Job roles

This qualification has one employment pathway for typical truss and frame manufacturing environments. This is:

- Production Supervisor (Timber truss and frame)

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:

- 17 units of competency:
 - 3 core units plus
 - 14 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:

- 14 units of competency from the elective group, the total of which can include up to 3 units recommended for packaging at Certificate III, IV or Diploma level from this or any other endorsed Training Package or state/territory accredited course.

Elective units must be relevant to work undertaken in the timber truss and frame sector of the industry, including sawmilling and processing, wood panel products, timber manufactured products and timber merchandising.

Core Units

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| BSBLED401 | Develop teams and individuals |
| FWPCOR4201 | Monitor safety, health and environment policies and procedures |
| FWPCOR4203 | Monitor quality and product care procedures |

Elective Units

Forest

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|----------------|------------------------------------------------------------------------------------|
| FWPCOT3239 | Create drawings using computer aided design systems |
| FWPCOT4202 | Design timber structures |
| FWPCOT4203 | Plan and coordinate product assembly |
| FWPTMM420 2 | Diagnose and calculate production costs |
| FWPTMM420 3 | Install and commission CNC software |
| FWPTMM420 5 | Prepare and advise on a broad range of timber roof truss details using computers |
| FWPTMM420 6 | Prepare and advise on a broad range of timber floor system details using computers |
| FWPTMM420 7 | Prepare and advise on a broad range of timber wall frame details using computers |
| FWPTMM420 8 | Construct prototypes and samples for timber structures |

Business

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| BSBCMM401 | Make a presentation |
| BSBCUS401 | Coordinate implementation of customer service strategies |
| BSBCUS501 | Manage quality customer service |
| BSBINM401 | Implement workplace information system |
| BSBITS411 | Maintain and implement digital technology |
| BSBLED501 | Develop a workplace learning environment |
| BSBMGT402 | Implement operational plan |
| BSBPMG415 | Apply project risk management techniques |
| BSBPMG522 | Undertake project work |

Construction

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| CPCCBC4001A | Apply building codes and standards to the construction process for low rise building projects |
| CPCCBC4004A | Identify and produce estimated costs for building and construction projects |
| CPCCBC4005A | Produce labour and material schedules for ordering |
| CPCCBC4024A | Resolve business disputes |
| CPCCCA3006B | Erect roof trusses |
| CPCCSV5010A | Interact with clients in a regulated environment |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry |
| CPCSUS4001A | Implement and monitor environmentally sustainable work practices |

Visual Arts, Crafts and Design

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| CUADES403 | Research and apply techniques in spatial design |
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Health and Safety

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| HLTAID006 | Provide advanced first aid |
| HLTAID008 | Manage first aid services and resources |

Manufacturing

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| MSMSUP390 | Use structured problem-solving tools |
| MSMSUP404 | Coordinate maintenance |
| MSS015011 | Conduct a sustainability energy audit |
| MSS402050 | Monitor process capability |
| MSS403001 | Review competitive systems and practices |
| MSS403010 | Facilitate change in an organisation implementing competitive systems and practices |
| MSS404060 | Facilitate the use of planning software systems in a work area or team |
| MSS404082 | Assist in implementing a proactive maintenance strategy |
| MSS404084 | Undertake process capability improvements |
| MSS405086 | Develop sustainable energy practices |

Training

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| TAEASS401 | Plan assessment activities and processes |
| TAEASS402 | Assess competence |
| TAEDEL401 | Plan, organise and deliver group-based learning |
| TAEDEL402 | Plan, organise and facilitate learning in the workplace |

Qualification Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------|
| FWP40316 Certificate IV in Timber Truss and Frame Manufacture Release 2 | FWP40316 Certificate IV in Timber Truss and Frame Manufacture 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-3509f8d3d47>