

FORESTRY AND WOOD PROCESSING WORKFORCE ACTION PLAN 2020-2024

TE MAHERE MAHI MŌ NGĀ KAIMAHI TUKATUKA NGĀHEREHERE ME TE RĀKAU 2020 – 2024

Qualifications stock take

December 2021



Disclaimer

Although all reasonable steps have been taken to ensure the accuracy of the information contained in this document, Te Uru Rākau - New Zealand Forest Service disclaims any and all responsibility for any inaccuracy, error, omission, or any other kind of inadequacy, deficiency, or flaw in, or in relation to, the information.

Acknowledgements

We would like to thank those training providers who contributed to the development of this report.

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For further information regarding this document, please contact workforcecouncil@mpi.govt.nz.

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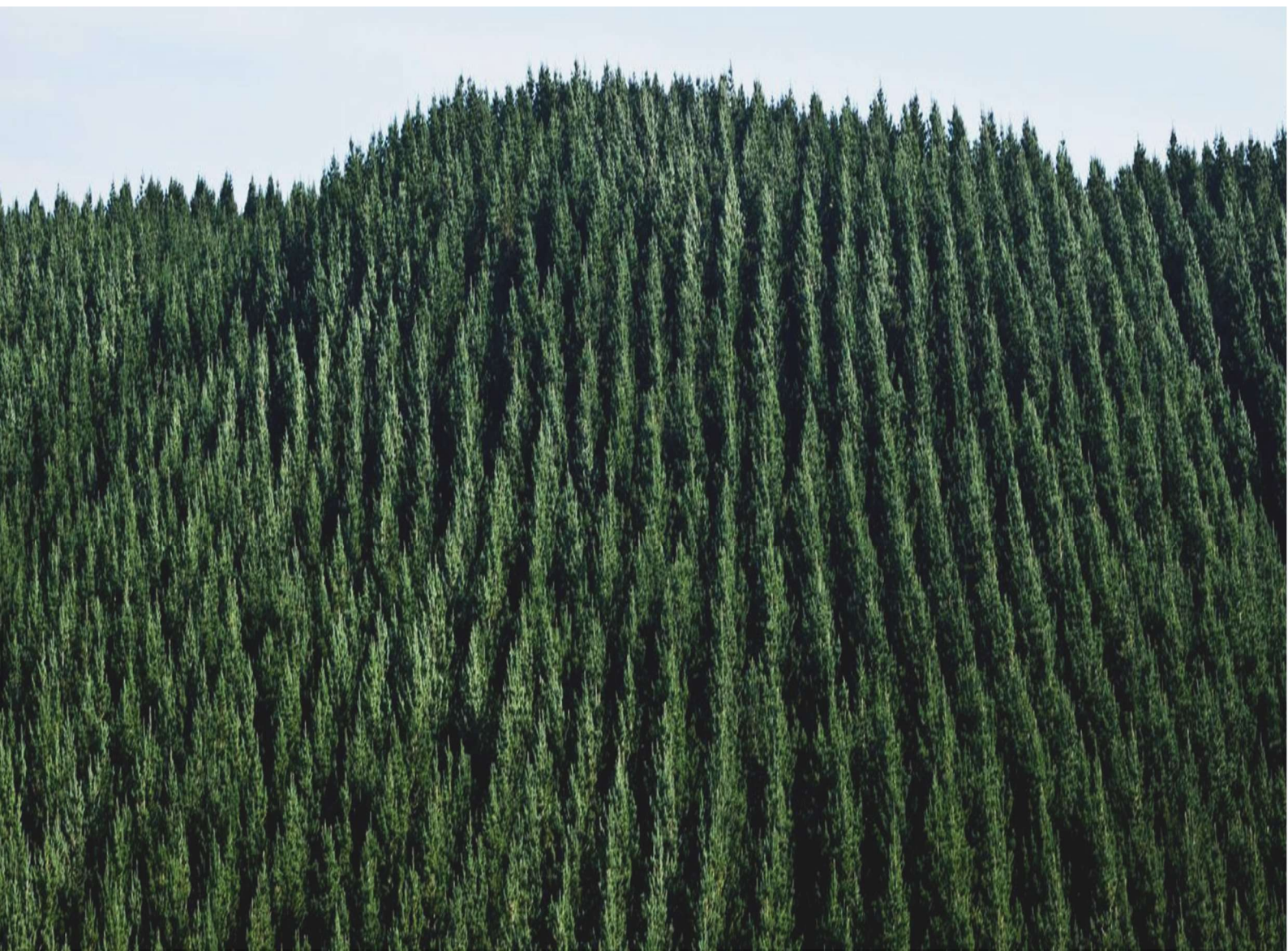
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Part one:

Introduction and background

About this report, executive summary and the process used to create it



Introduction

Whaowhia te kete mātauranga

Fill the basket of knowledge.

In 2019, representatives from the forestry sector worked with the Ministry of Primary Industries (MPI) and other Government agencies to develop an action plan to support a skilled, safe, and diverse workforce for forestry and wood processing.

The Forestry and Wood Processing Workforce Action Plan 2020–2024 (the Action Plan) was the output of this work. It identifies actions and priorities that will help the development of a skilled workforce.

The forestry and wood processing sectors provide a range of economic and social benefits to New Zealand. The sector provides jobs and generates trade, income and investment. It also provides environmental benefits, such as climate regulation, water purification and erosion control. The value of plantation forests extends to non-material benefits, including opportunities for recreational activities and maintaining biodiversity of native fauna, flora, streams and rivers.

Global trends call for a more skilled and diverse workforce to meet the opportunities and challenges associated with sustainable development. This is also stimulating innovation and the growth of new timber-derived products, resulting in new job opportunities.

Individuals and organisations across the harvesting and wood processing sectors are already taking steps to attract, train and retain a skilled, safe, and productive workforce. The Action Plan provides a cohesive framework that brings those initiatives together.

In broad terms, the Action Plan:

- Supports the current and future needs of the sector's workforce.
- Brings new initiatives together to form a cohesive and comprehensive way forward.
- Leverages areas of shared interest with the wider primary sector.

It has four main focus areas:

- **Knowledge:** Making good workforce decisions based on robust information and data.
- **Attraction:** Inspiring and attracting a larger, more diverse workforce.
- **Education and training:** Ensuring people have the right skills and knowledge to be successful.
- **Employment:** Having people thrive in workplaces with good practices and work conditions.

One key project of the Action Plan is the delivery of a qualifications stock take. This document provides an overview of training available within New Zealand to support the forestry industry. It identifies level information and delivery modes of training, potential progression opportunities, and jobs that could be achieved by learners upon completion of training. To support understanding, it also contains information on the education and training sector in New Zealand alongside a brief overview of the ongoing Reform of Vocational Education.

While all attempts have been made to ensure that accurate information has been included in this document, it is based upon information publicly available at the time of its creation in November 2021, and input from training providers. Some information may be out of date at its completion. In addition, we have not sought to capture the full range of qualifications in non-forestry specific subject areas such as health and safety, given there will be a number of providers who deliver these subjects. However, where a provider has been included in previous stock takes or was known to us for providing relevant training for the forestry industry in manufacturing, health and safety, leadership, and business management, we have included them in this stock take. Two conservation related training options from Nelson Marlborough Institute of Technology are included, as these were identified to us of being of relevance during our research.

It is expected that this document will be revised on a yearly basis, to support the ongoing understanding of education and training opportunities available. Providers that wish to be included in any future stock take are welcome to contact workforcecouncil@mpi.govt.nz to register your interest.

Structure of this document

This document contains three parts.

Part one Introduction and background

Introduction to the stock take, an executive summary of what it contains, and how it was formed.

Starts on page 4

Part two Qualifications stock take

Information on training providers and training available in New Zealand.

Starts on page 11

Part three Supporting information

Information to support readers to understand the qualifications stock take, including information on the New Zealand Qualifications Framework, funding types, types of training providers and our 'core competencies'.

Starts on page 136

A list of useful acronyms and terms is included at the back of this document in Part three.

Executive Summary

Our process for collating this report

We undertook a desktop research approach based on publicly available information. Where possible, and with the support of training providers, this information was verified by those providers and corrections made as appropriate. More information on our process can be found on page ten.

Qualifications stock take

Within New Zealand, there is a range of education and training opportunities available to learners wanting to enter the forestry and wood processing industries, or to undertake on-job training once employed in these industries. This document contains a summary of our stock take findings, sorted by providers that are subsidiaries of Te Pūkenga – New Zealand Institute of Skills and Technology (Te Pūkenga), and those delivered by other training providers.

This document contains information on the following training available within New Zealand, and of relevance to the forestry and wood processing industries:

Type	Number
Qualifications and programmes	41
Other university delivered qualifications that may contain courses related to forestry	12
Microcredentials and training schemes	11
New Zealand Apprenticeships	21
Other training and learning	5

In addition to the training listed above, a number of organisations we spoke to indicated that they deliver in-house training, or contract in trainers, to undertake specific training to support their organisation.

The New Zealand Qualifications Framework

The New Zealand Qualifications Framework (NZQF) is the framework against which all recognised secondary and tertiary qualifications in New Zealand are registered. It provides accurate information about quality assured qualifications available in New Zealand. It consists of 10 levels, from certificates at level 1, through to doctoral degrees at level 10. All quality assured qualifications in New Zealand are listed on the NZQF. All registered training providers in New Zealand have their qualifications quality assured by the New Zealand Qualifications Authority (NZQA), who administer this framework, except for universities. However, university qualifications are still listed on the framework. Any qualifications that are not listed on the framework are typically considered ‘informal’ training. More information on the NZQF begins on page 137.

The Reform of Vocational Education

The Reform of Vocational Education (RoVE) is the most significant set of changes for the vocational education and training sector in more than 25 years. These changes involve, amongst other actions, the establishment of Te Pūkenga, the creation of six Workforce Development Councils (WDCs) to give industry greater leadership across vocational education, the creation of a Unified Funding System (UFS), creating Regional Skills Leadership Groups (RSLGs), and transferring the work-based training coordination function of Industry Training Organisations (ITOs) to training providers. More information on the major changes that make up RoVE begins on page 139.

Types of training providers

This document contains information on 18 training providers, identified by type on the following page. More information about each type of training provider begins on page 142.

Type of training provider	Number
Subsidiaries of Te Pūkenga ¹	5
Universities	3
Wānanga	1
NZQA registered Private Training Establishments (PTEs), or other accredited providers	7
Non-accredited training providers (informal training providers, including some employers)	2

Funding sources

Funding for tertiary education delivery in New Zealand is administered by the Tertiary Education Commission (TEC). While change to the vocational education funding system is currently being considered, this document contains information on the likely funds training providers currently access. This document contains information on the following funding types administered by the TEC:

Type of funding
Targeted Training and Apprenticeship Fund (TTAF)
Student Achievement Component (SAC) funding
Industry Training Fund (ITF)
Youth Guarantee Funding (YG)
Workplace Literacy and Numeracy - Employer Led (WLN)
Trades Academy funding

It also contains brief information on the following non-TEC funds - the One Billion Trees Fund, administered by Te Uru Rākau - New Zealand Forest Service, and He Poutama Rangatahi, administered by the Ministry of Social Development.

More information on funding sources begins on page 144.

The Unified Funding System

The UFS project is a part of the RoVE programme. It will apply to all provider-based and work-based education at certificate and diploma qualification (levels 3 to 7, excluding degrees) of the NZQF, and all industry training. This work is ongoing. More information on the UFS is available on page 150.

Cost to learners

Some of the forestry training offered in New Zealand is currently fees-free for domestic students, meaning that first-time learners can get one year's study or two years' training fees free. This can either be determined by fund, or by individual student eligibility depending on prior access to tertiary education. However, this is not a permanent scheme. When fees free does not apply, standard qualification and programme charges apply. More information on the potential cost to learners can be found on page 151.

¹ Incorporating former Institutes and Technology and Polytechnics (ITPs), and the work-based training coordination functions of some former ITOs. Five are listed in this document as they are relevant to the forestry industry and delivering relevant qualifications. Please note that there are other subsidiaries of Te Pūkenga that are not included in this document.

Core competencies

At the bottom of each training summary page in our stock take, we identify whether we think eight core competencies are included in the training on offer. Seven of these core competencies relate to skills identified in Toi Ohomai’s 2019 study of wood processing organisations, representing those non-technical skills participants felt would be needed now and in future.² The findings of this study were included in the Action Plan. We chose those non-technical skills that were identified as having the highest immediate or future need, alongside knowledge of Te Ao Māori, and carried out a brief assessment of whether a qualification or training programme contains these. An explanation of how these were considered in our stock take is included on page 153, and the icons below are used at the bottom of each training summary in this document to indicate where the competencies are present within training:



Literacy and numeracy



Communications, critical thinking, motivation, teamwork



Managerial skills



Te Ao Māori



Leadership development



Environmental sustainability



Workplace health and safety



Computer skills

² Toi Ohomai Institute of Technology (May 2019), *New Zealand Saw Milling and Wood Manufacturing Business Review: Wood processing review of staff requirements, training needs and skill shortages*, as included in MPI’s 2020 *New Zealand Forestry and Wood Processing Workforce Action Plan 2020-2024*

How this document was formed

In collating information for this qualifications stock take, we used the following approach.

Desktop research

We searched for publicly available information on training providers - NZQA approved and non-approved (informal) - and the range of training offered by these organisations.

Our sources of information included, but were not limited to:

- Provider level performance information sourced from the TEC website for those providers directly funded by TEC.
- Information on training on offer from provider websites.
- Information from the Forestry Careers and New Zealand Farm Forestry Association (NZFFA) websites about education and training opportunities.

We also incorporated qualifications information that had been collected by Te Uru Rākau - New Zealand Forest Service earlier during 2021 and cross-referenced the 2018 New Zealand Forest Owners Association (NZFOA) stock take of training options available to the forestry industry.

Once our first stage of the stock take was completed, we attempted to contact all training providers listed in this report to validate whether the information we collected was accurate, and whether further contextual information could be incorporated into the stock take.

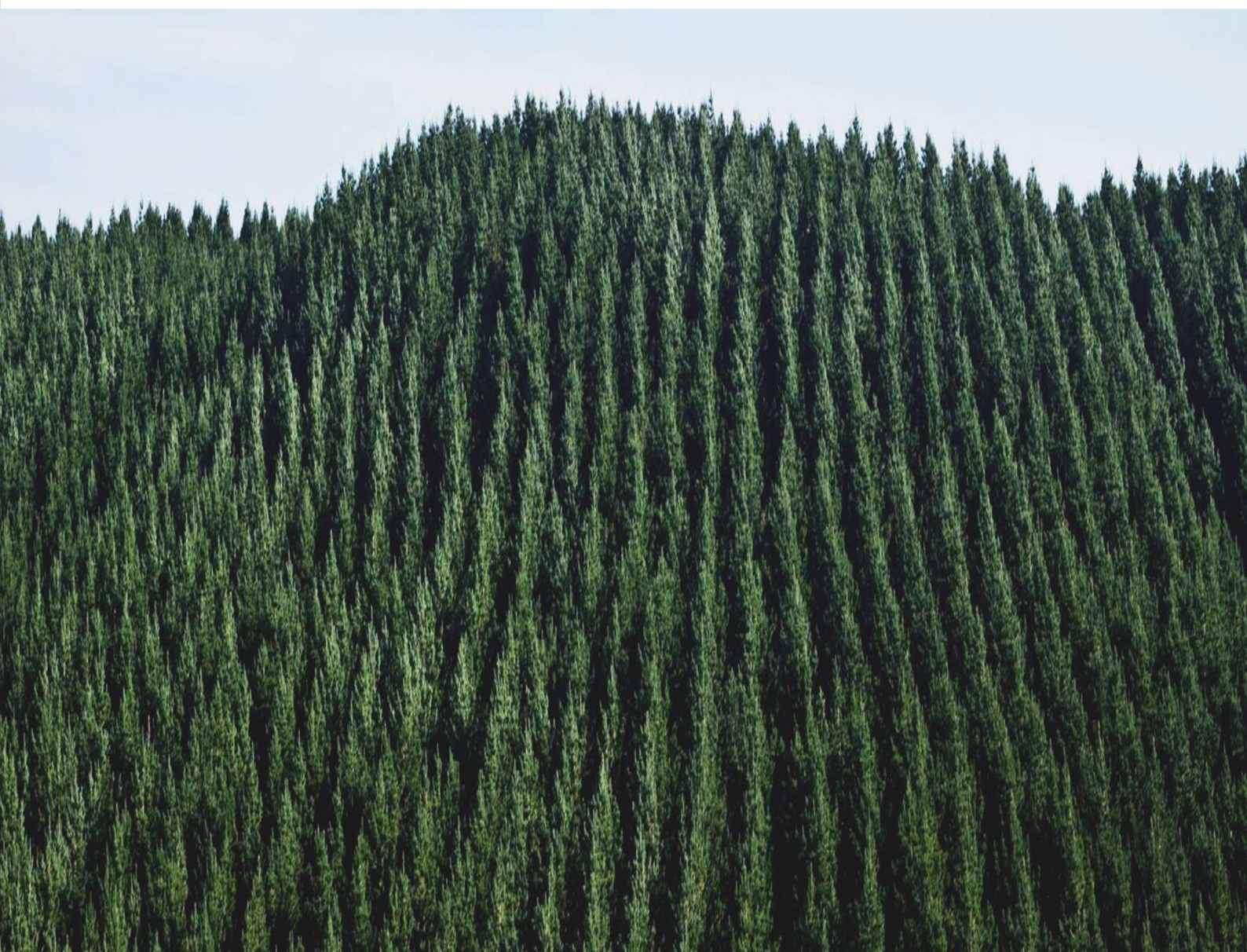
As noted earlier, while all attempts have been made to ensure that accurate information has been included in this document, it is based upon information publicly available at the time of its creation in November 2021, and input from training providers. Some information may be out of date at its completion, or dependent on the accuracy of that published information and that information received from training providers, may no longer be relevant. Where training providers responded to us and supplied us updated information on their offerings, we have included this information in this report, noting that we have relied on the provider to ensure this information is accurate and complete.

2

Part two:

Qualifications stock take

List of education and training opportunities for the forestry sector



Complete list of providers included in this document

Providers that are a part of Te Pūkenga³

- Nelson Marlborough Institute of Technology.
- Northland Polytechnic.
- Toi Ohomai Institute of Technology.
- Western Institute of Technology at Taranaki.
- Competenz - Te Pūkenga Work Based Learning Limited (WBL).

Providers separate to Te Pūkenga

- Business Management Improvement NZ (BMINZ).
- Lincoln University.
- Massey University.
- Mike Hurring Training School.
- Risk Group.
- Tane Mahuta NZ Ltd.
- Te Runanga-o-Turanganui-a-Kiwa (trading name Tūranga Ararau).
- Te Wānanga o Aotearoa.
- The Learning Wave.
- The Ngati Maniapoto Marae Pact Trust (Incorporated).
- Tokomairiro Training (in partnership with Johnson Forestry Services).
- University of Canterbury - Te Kura Ngahere.
- Wood Wise.

Please note that the following providers were contacted through our stock take, but confirmed that they are not currently delivering training:

- Eastern Institute of Technology.
- Forest Protection Services.
- Ngati Hine Forestry Trust.

Some larger employers in the forestry sector also deliver training directly to their own staff or hire in contractors to deliver training. We have not included this education and training as a part of our stock take.

³ Please note that there are other subsidiaries of Te Pūkenga that are not included in this document, as they do not deliver forestry training.

Complete list of qualifications included in this document

Formal programmes and qualifications by NZQF level outlined in this document:

Each qualification may have one or more 'strands'. Each strand is a specialisation within a qualification. Individual strands are listed on relevant training pages.

Name	Level	Training providers that offer this qualification
New Zealand Certificate in Educational Achievement	Level 1	Tokomairiro Training
New Zealand Certificate in Educational Achievement	Level 2	Western Institute of Technology at Taranaki, Tūranga Ararau, Tokomairiro Training
New Zealand Certificate in Primary Industry Skills	Level 2	Toi Ohomai Institute of Technology
New Zealand Certificate in Forest Industry Foundation Skills	Level 2	Northtec, Toi Ohomai Institute of Technology, WBL/Competenz, The Ngati Maniapoto Marae Pact Trust (Incorporated), Te Wānanga o Aotearoa, Tūranga Ararau, Tokomairiro Training
New Zealand Certificate in Solid Wood Manufacturing	Level 2	WBL/Competenz, Wood Wise, BMINZ
New Zealand Certificate in Wood Manufacturing	Level 2	WBL/Competenz
New Zealand Certificate in Wood Panel Manufacturing	Level 2	WBL/Competenz, Wood Wise
New Zealand Certificate in Manufacturing	Level 2	WBL/Competenz, BMINZ
New Zealand Certificate in Solid Wood Manufacturing	Level 3	WBL/Competenz (via Toi Ohomai Institute of Technology), Toi Ohomai Institute of Technology, Wood Wise, BMINZ
New Zealand Certificate in Educational Achievement	Level 3	Tūranga Ararau
New Zealand Certificate in Business (Introduction to Team Leadership)	Level 3	WBL/Competenz, BMINZ, The Learning Wave
New Zealand Certificate in Forestry Operations	Level 3	Northtec, WBL/Competenz, Tane Mahuta NZ Ltd, Tūranga Ararau
New Zealand Certificate in Competitive Systems and Practices	Level 3	BMINZ
New Zealand Certificate in Workplace Health and Safety Practice	Level 3	BMINZ, Risk Management Group, The Learning Wave
New Zealand Certificate in Wood Panel Manufacturing	Level 3	WBL/Competenz, Wood Wise
New Zealand Certificate in Tree Felling and Clearing (non-production)	Level 3	WBL/Competenz
New Zealand Certificate in Wood Handling and Distribution	Level 3	WBL/Competenz
New Zealand Certificate in Manufacturing	Level 3	WBL/Competenz, BMINZ
New Zealand Certificate in Pulp and Paper Manufacturing	Level 3	WBL/Competenz
New Zealand Certificate in Forest Harvesting Operations	Level 3	Northtec (credits towards), Western Institute of Technology at Taranaki, WBL/Competenz, Tūranga Ararau, Toi Ohomai Institute of Technology
New Zealand Certificate in Conservation (Operations)	Level 4	Nelson Marlborough Institute of Technology
New Zealand Certificate in Forest Harvesting Operations	Level 4	Northtec (credits towards), WBL/Competenz
New Zealand Certificate in Forestry Operations	Level 4	Tane Mahuta NZ Ltd, WBL/Competenz

New Zealand Certificate in Composite Wood Panel Manufacturing	Level 4	WBL/Competenz
New Zealand Certificate in Forestry Industry Operations (Planning and Monitoring)	Level 4	Northtec (credits towards), WBL/Competenz
New Zealand Certificate in Pulp and Paper Manufacturing	Level 4	WBL/Competenz
New Zealand Certificate in Timber Machining	Level 4	WBL/Competenz, BMINZ
New Zealand Certificate in Sawmilling	Level 4	WBL/Competenz
New Zealand Certificate in Competitive Systems and Practices	Level 4	BMINZ
New Zealand Certificate in Business (First Line Management)	Level 4	WBL/Competenz, BMINZ, The Learning Wave
New Zealand Certificate in Manufacturing	Level 4	WBL/Competenz, BMINZ
New Zealand Certificate in Solid Wood Manufacturing	Level 4	Toi Ohomai Institute of Technology, WBL/Competenz (via Toi Ohomai Institute of Technology), Wood Wise, BMINZ
New Zealand Certificate in Finger Jointing	Level 4	WBL/Competenz, BMINZ
New Zealand Certificate in Saw Doctoring	Level 4	WBL/Competenz
New Zealand Certificate in Workplace Health and Safety Practice	Level 4	Risk Management Group
New Zealand Certificate in Manufacturing	Level 5	WBL/Competenz, BMINZ, Wood Wise
New Zealand Diploma in Forest Management	Level 6	Toi Ohomai Institute of Technology
Bachelor of Forestry Science	Level 7 or 8	University of Canterbury
Bachelor of Engineering (Hons) in Forest Engineering	Level 7 or 8	University of Canterbury
Postgraduate Diploma in Forestry	Level 8	University of Canterbury
Master of Forestry Science	Level 9	University of Canterbury

Other university delivered qualifications that may contain courses related to forestry:

Name	Level	Training providers that offer this qualification
Diploma in Horticulture	Level 5	Lincoln University
Diploma in Agriculture	Level 5	Lincoln University
Diploma in Horticultural Management	Level 6	Lincoln University
Diploma in Farm Management	Level 6	Lincoln University
Bachelor of Commerce (Horticulture)	Level 7	Lincoln University
Bachelor of Commerce (Agriculture)	Level 7	Lincoln University
Bachelor of Land and Property Management	Level 7	Lincoln University
Bachelor of Agribusiness (including specialisations in Farm Management, Rural Variation)	Level 7	Massey University
Bachelor of Agricultural Science	Level 7	Massey University
Bachelor of Horticultural Science	Level 7	Massey University
Postgraduate Diploma in Agribusiness	Level 8	Massey University
Postgraduate Diploma in Science and Technology (Agricultural Science)	Level 8	Massey University

Microcredentials and training schemes:

Name	Level	Training providers that offer this qualification
Basic Chainsaw Safety	Level 2	Northtec
Forestry Operations - Environment	Level 2/3	WBL/Competenz
Chainsaw Use in Forestry Production	Level 2/3	WBL/Competenz
Plant plantation trees	Level 3	WBL/Competenz
Thinning to Waste Training Scheme	Level 3	Te Wānanga o Aotearoa
Digital Skills for Manufacturing	Level 3	WBL/Competenz, The Learning Wave
Working in Harvesting Operations Training Scheme / New Zealand Certificate in Forest Harvesting Operations	Level 3	Northtec
Advanced Harvesting Operations Training Scheme / New Zealand Certificate in Forest Harvesting Operations	Level 4	Northtec
Working in Silviculture Operations - Training Scheme / New Zealand Certificate in Forestry Industry Operations (Planning and Monitoring)	Level 4	Northtec
Weed Management (Principles and Best Practice)	Level 4	Nelson Marlborough Institute of Technology
Introduction to the New Zealand Forestry Sector	Level 5	Toi Ohomai Institute of Technology

New Zealand Apprenticeships:

New Zealand Apprenticeships are programmes of learning delivered entirely or almost entirely on-job to those in employment, combining one or two New Zealand Certificates (typically at levels three and four). They are usually delivered over three or four years.

Name
New Zealand Apprenticeship Forest Harvesting Plant Operator
New Zealand Apprenticeship Head Breaker-Out
New Zealand Apprenticeship Head Breaker-Out/Log Making
New Zealand Apprenticeship Head Breaker-Out/Machine Operations Hauler
New Zealand Apprenticeship Advanced Timber Machinist
New Zealand Apprenticeship Head Breaker-Out/Production Tree Felling
New Zealand Apprenticeship Log Maker/Machine Operations Hauler
New Zealand Apprenticeship Log Making/Machine Operations Loader
New Zealand Apprenticeship Log Making and Machine Operations Log Extraction
New Zealand Apprenticeship Log Making and Mechanised Processing
New Zealand Apprenticeship Log Making and Production Tree Felling
New Zealand Apprenticeship Machine Operations Hauler and Loader
New Zealand Apprenticeship Machine Operations Loader and Log Extraction
New Zealand Apprenticeship Machine Operations Loader and Mechanised Processing
New Zealand Apprenticeship Machine Operations Loader and Mechanised Tree Felling
New Zealand Apprenticeship Machine Operations Log Extraction and Production Tree Felling
New Zealand Apprenticeship Mechanised Processing and Mechanised Tree Felling
New Zealand Apprenticeship Production Tree Felling
New Zealand Apprenticeship Advanced Saw Doctor

New Zealand Apprenticeship Advanced Sawmilling Operator
New Zealand Apprenticeship in Forest Harvesting Operations

Other training and learning:

Name	Level	Training providers that offer this qualification
Safetree Leaders		The Learning Wave
Safetree Team Up		The Learning Wave
Negotiation Skills		The Learning Wave
Workplace Literacy and Numeracy - Employer Led		The Learning Wave
Basic Machine Operator Certificate	Level 3	Mike Hurring Training School

Please note that our stock take only contains qualifications relevant to silviculture, harvesting, and wood processing. The stock take does not seek to cover all qualifications, programmes or training offered by providers. Transportation was considered out of scope of this piece of work.

In addition, we have only included health and safety or business qualifications where these have been considered in previous stock take processes undertaken by TUR and have not sought to identify all providers offering this type of training in New Zealand. More information on health and safety and business management provision available throughout New Zealand can be found on the [NZQA website](#).

Where we use the term ‘fees-free’ in our stock take, this relates to the fees charged to a domestic learner undertaking study. Unless explicitly stated, we have not included fees for international learners. Some learners are able to access fees free training for one or two years, depending on whether or not their training is eligible, and if they have prior educational achievement. More information on fees charged to learners is available on page 151.

Notes on Industry Training Funding

As outlined in Part three, ITF funding is available to the following organisations to support industry training-related projects.

- Transitional ITOs⁴ as functions are being transitioned to training providers through New Zealand.
- Training providers to whom responsibility is transferred for the purposes of the elements of a transition plan.
- Training providers of education and training for the purposes of training agreements.
- Training providers carrying out apprenticeship training activities.

It is likely that a range of qualifications that are NZQA approved may also be able to be funded through the ITF but given ongoing changes to industry training as a result of the RoVE process, we have not acknowledged these throughout this document. At a minimum, provision offered by WBL (a subsidiary of Te Pūkenga) is likely to be eligible for this funding. This is because the approved transition plan for Competenz stated that relevant forestry delivery would transition to Te Pūkenga.

External Evaluation and Review (EER) ratings

NZQA uses the EER process to review the current quality of performance within tertiary education organisations. After each EER, a report is published. For those organisations who are quality assured by NZQA, we have included the findings of the most recent EER report.

⁴ From 1 April 2020, ITOs became transitional ITOs. From April 2020 to December 2022, the coverage and role of transitional ITOs will be transferred to WDCs, Te Pūkenga and its subsidiaries and other training providers.

Performance information

When a direct funding arrangement is in place, we have included performance information from the TEC on individual training providers. This performance information relates specifically to training delivered in the qualification narrow field of forestry studies. The performance information covers delivery in forestry studies across all funds that the TEC collects information on.

The following terms are used to describe performance, as provided by TEC:

- **Course completion rate** - *For those courses ending in 2020 - the total Equivalent Full Time Student (EFTS) value of courses completed divided by the total EFTS value of courses taken.*
- **Qualification completion rate** - *This is cohort rate based, where completion is measured either 2, 4 or 6 years after entry into the cohort (Level 1 to 3 is 2 years, 4 to 7 non degree is 4 years and degree level and above is 6 years). Completion occurs where the learner completes a qualification at the same level, it does not need to be the qualification they entered into the cohort wishing to complete. This measure shows completion rates where the learner entered the cohort by starting a forestry qualification.*
- **Progression rate from levels 1-4** - *Those learners who completed a NZQF level 1 to 4 qualification and within 12 months enrolled in a higher-level qualification than the one completed. Progression can be to any field of study. The completed qualification may be designed for employment and progression is not expected for these qualifications.*
- **Credit achievement:** *Relates only to Competenz - this is the number of credits achieved in a year divided by the credits paid for in the year. Due to the nature of industry training learners can complete more credits than they have paid for.*
- **Programme completion rate:** *Relates only to Competenz - this is cohort rate based, where completion is measured either 3, 4 or 6 years after entry into the cohort (Level 1 to 3 industry training is 3 years, level 4 and above industry training is 4 years and apprenticeships are 6 years). Completion occurs where the learner completes a programme at the same level, it does not need to be the programme they entered the cohort wishing to complete. This measure shows completion rates where the learner entered the cohort by starting a forestry programme.*

If a training provider has no performance information, this is due to one of or several of the following factors:

- The provider is not directly funded by TEC.
- The provider isn't delivering within the 'forestry studies' narrow qualification field.
- The provider was not delivering during the 'forestry studies' narrow qualification field in 2020.
- TEC was unable to provide data on that provider.

Core competencies

At the bottom of each training summary page in our stock take, we identify whether we think eight core competencies are included within the training on offer. More information on how we assessed qualifications for these core competencies is included on page 153.

The icons below are used at the bottom of each training summary in this document to indicate where the competencies are present within training:



Literacy and numeracy



Communications, critical thinking, motivation, teamwork



Managerial skills



Te Ao Māori



Leadership development



Environmental sustainability



Workplace health and safety



Computer skills

Provider and training information – providers that are a part of Te Pūkenga

Provider summary



Provider name:	Nelson Marlborough Institute of Technology (NMIT)	Region:	Nelson & Marlborough
Type:	Former Institute of Technology and Polytechnic - part of Te Pūkenga	Site locations:	Nelson, Marlborough, Richmond
NZQA approved provider:	Yes		
EER rating and date:	One (2017, prior to incorporation into Te Pūkenga)		
Primary delivery mode:	Mixed		

Qualifications and programmes on offer		
Name	Level	Credits
Weed Management (Principles and Best Practice)	Level 4	5
New Zealand Certificate in Conservation (Operations)	Level 4	120

Training summary

Provider name:	NMIT (in partnership with the Department of Conservation)
Programme name:	Weed Management (Principles and Best Practice)
Level:	Level 4
NZQA approved qualification?	Contributes towards the achievement of the Conservation Training Scheme offered by NMIT, which is approved by NZQA
Which qualifications could this lead to:	Conservation Training Scheme (20 credits)
Duration:	2 days
Specific qualification location:	Can be delivered nationwide for groups of eight or more
More information (from provider website):	<p>This course will provide an overview of the impact of weeds and weed management practices. Learn about the concepts of strategic planning and surveillance as it applies to managing weeds in a conservation setting. A range of monitoring methods will be taught. This programme includes classroom and field activities.</p> <p>Learners will cover:</p> <ul style="list-style-type: none"> • Weed control context. • Weed process and best practice. • Resources available for weed management. • Surveillance. • Weed plan overview. • Weed control methods. • Monitoring and reporting.
Credit value:	5
Funded by Government:	May be eligible for Government funding
Delivery mode:	Mixed
Entry requirements:	<p>Academic requirements:</p> <ul style="list-style-type: none"> • Learners under 20 years old: Achieved NCEA Level 2 – (credits in Numeracy, Science or English desirable). • Learners 20 years or over: No minimum academic requirements. <p>English language requirements:</p> <ul style="list-style-type: none"> • All applicants must have a level of English sufficient to be able to study at this level. • If English is not your first language you should have an International English Language Testing System (IELTS) overall Academic score of at least 5.5 issued within the last two years (or equivalent).

Core competencies:



Training summary

Provider name:	NMIT (in partnership with the Department of Conservation)
Programme name:	Kaitiaki Whenua – Trainee Ranger
Qualification name:	New Zealand Certificate in Conservation (Operations)
Level:	Level 4
NZQA approved qualification?	Yes
Fees:	Fees free
Which qualifications could this lead to:	Upon completion of this qualification graduates may progress to the New Zealand Diploma in Environmental Management with strands in Marine, Terrestrial, and Conservation (Operations) (Level 5), or may lead to further study in leadership and management such as the New Zealand Diploma in Business (with strands in Accounting, Administration and Technology, Leadership and Management and Project Management) (Level 5).
Duration:	12 months
Relevant jobs to progress to:	Graduates of this qualification will likely seek employment or volunteer roles as a ranger in operational conservation, environmental, and the parks and recreation sectors. At the end of the programmes, graduates will have the chance to apply for a limited number of two-year Department of Conservation contracts.
Specific qualification location:	NMIT Richmond campus
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the conservation and recreation sectors with individuals who have the skills and knowledge to carry out operational conservation work under broad guidance. This is an entry level qualification designed for people already working in conservation, or those who intend to enter the conservation industry. Aotearoa/New Zealand will benefit from having operational staff who are able to contribute to sustainable stewardship of the environment through the application of technical skills and knowledge.
More information (from provider website):	<p>The Trainee Ranger programme, starting in June, is the only one in the country that works in partnership with the Department of Conservation (DOC). This programme is also delivered as Project Moturoa, an initiative that connects Māori learners with local iwi and aims to produce graduates that can stand more firmly in both Te Ao Māori as well as Te Ao Pākehā.</p> <p>Students will learn the core skills required to be a ranger, including how to build tracks, animal and weed control, New Zealand ecology, and how to apply the latest technology in conservation work. Students will work alongside DOC and regional council staff, complete a summer work experience placement, and learn from expert tutors who are passionate about conservation. Skills taught include:</p> <ul style="list-style-type: none"> • Animal and pest control. • Understanding New Zealand's ecology. • Using conservation technology. • How to build and maintain hiking tracks.
Credit value:	120
Funded by Government:	Eligible for funding by Government, likely via the TTAF
Delivery mode:	Mixed practical and theory
Entry requirements:	All admissions to this programme are subject to the approval of a programme selection panel. They decide whether or not applicants meet the entry requirements and select applicants for interview. Final acceptance onto the programme is dependent on an interview and is at the discretion of DOC and NMIT with input from other involved agencies.

	<p>To be accepted for this programme, an applicant must have obtained at least the standard of the following:</p> <p>Academic requirements:</p> <ul style="list-style-type: none"> ● Applicants under 20 years. ● Achieved NCEA Level 2 (credits in Maths, Science or English desirable). ● Applicants aged 20 years and over. ● No minimum academic requirements. <p>English Language requirements:</p> <ul style="list-style-type: none"> ● All applicants must have a level of English sufficient to be able to study at this level. Those students who have English as an additional language will have an International English Language Testing System (IELTS) overall academic score of 5.5 issued within the last 2 years. <p>OR</p> <ul style="list-style-type: none"> ● An equivalent qualification. <p>All applicants:</p> <ul style="list-style-type: none"> ● A full manual driver licence – most work placements require a full driver’s licence for manual vehicles. ● First Aid in the Outdoors Certificate (covering unit standards 6400, 6401, 6402 and 424). If you don’t have this, you can complete it before the programme starts by attending the Conservation First Aid short course. ● New Zealand or Australian citizenship or permanent residency due to Department of Conservation and NZ Council workplace constraints around offering employment to international citizens. ● Applicants will be required to sign a declaration on entry to the programme stating any medical issues that NMIT and DOC need to be aware of. This adheres to the “Health and Safety in at Work Act 2015”. ● Demonstration of likelihood of success on the programme - by submission of a comprehensive CV outlining interests, experience and academic ability and an interview. ● Applicants should be aware that NMIT and industry require drug and alcohol-free training and work environment. Students will be required to adhere to workplace policies of DOC or any other organisation that they work for on their summer placements.
<p>Other comments:</p>	<p>Kaitiaki Whenua – Project Moturoa is an alternative way of studying the New Zealand Certificate in Conservation (Operations), Level 4 and is an initiative that connects learners with local iwi and includes marae-based education. This delivery of the programme has a strong focus on Te Ao Māori, learning how to approach conservation from a Māori worldview.</p>

Core competencies:



Provider summary



Provider name:	NorthTec	Region:	Northland
Type:	Former Institute of Technology and Polytechnic - part of Te Pūkenga	Site locations:	Sites in Auckland, Whangarei, Kaikohe, Dargaville, Kaitaia, Kerikeri, plus work-based learning and online delivery.
NZQA approved provider:	Yes		
EER rating and date:	Two (2017, prior to incorporation into Te Pūkenga)		
Primary delivery mode:	Mixed		

Qualifications and programmes on offer

Name	Level	Credits
Basic Chainsaw Safety	Level 2	
New Zealand Certificate in Forest Industry Foundation Skills	Level 2	42-55
Working in Harvesting Operations Training Scheme / New Zealand Certificate in Forest Harvesting Operations	Level 3	
New Zealand Certificate in Forestry Operations	Level 3	50-70
Advanced Harvesting Operations Training Scheme / New Zealand Certificate in Forest Harvesting Operations	Level 4	30
Working in Silviculture Operations Training Scheme / New Zealand Certificate in Forest Industry Operations (Planning and Monitoring) with strand in Silviculture	Level 4	

Educational Performance Information - 2020

Course completion rate:	84%	Qualification completion rate:	28%
Student progression:	34%		

Training summary

Provider name:	NorthTec
Programme name:	Basic Chainsaw Safety (Level 2)
Qualification name:	Short course - no qualification awarded
Level:	Level 2
NZQA approved standards?	Yes
Duration:	2 days full time
Specific qualification location:	Whangarei
More information (from provider website):	Involves maintenance and use of a chainsaw; safe practices
Credit value:	10
Target audience:	Designed for workers on the land who are expected to use chainsaws as part of their day-to-day operations
Delivery mode:	Mixed

Core competencies:



Training summary

Provider name:	NorthTec
Qualification name:	NZ Certificate in Forest Industry Foundation Skills
Level:	Level 2
Strands:	Breaking out, establishment, landing operations, pruning
NZQA approved qualification?	Yes
Fees:	Fees free (domestic learners only)
Which qualifications could this lead to:	This qualification can lead to the: New Zealand Certificate in Forestry Operations (Level 3) with strands in Basic Machine Operations, Mensuration, Production Thinning, Planting, Pruning, and Thin to Waste, or New Zealand Certificate in Forest Harvesting Operations (Level 3) with strands in Basic Machine Operation, Breaking Out - Cable, Landing Operations, and Tree Felling.
Duration:	Varies
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in entry-level roles as planters, pruners, breaker-outs or manual processors in a forestry operation.
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have skills and knowledge relevant to entry level roles in a forestry operation. Graduates will have a basic understanding of the industry and the risks involved in the industry. They will be able to work under close supervision to meet quality requirements of an operation while maintaining their own safety.
Credit value:	42-55 credits depending on the strand
Funded by Government:	Eligible for funding through TEC, likely via SAC Levels 1 and 2 or YG
Target audience:	People with no prior learning or experience
Delivery mode:	Full time intramural. Part-time available
Entry requirements:	Please see information listed under Advanced Harvesting Operations - Training Scheme

Core competencies:



Training summary

Provider name:	NorthTec
Programme name:	Working in Harvesting Operations - Training Scheme
Qualification name:	New Zealand Certificate in Forest Harvesting Operations (<i>credits toward</i>)
Level:	Level 3
Strands:	Basic machine operation, tree felling, breaking out – cable, breaking out – ground based, manual processing, log scaling, poleman, production thinning, quality control
NZQA approved qualification?	Yes, but note that this is a training scheme as opposed to a qualification. It is a collection of unit standards that could, in addition with other standards, eventually meet the requirement to award a qualification.
Fees:	Fees free (domestic learners only)
Which qualifications could this lead to:	New Zealand Certificate in Forest Harvesting Operations (Level 3), or the New Zealand Certificate in Forest Operations (Level 3)
Duration:	Varies
Relevant jobs to progress to:	Harvesting-based forestry industry jobs e.g. machine operator, cable operation breaker out, manual processor, quality controller, poleman, tree faller
Specific qualification location:	On-job training - on location, Northland
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to operate at a production level in an operational role in a forest harvesting operation. Graduates will have an understanding of safety, environmental and quality requirements of working in a forest harvesting operation. They will work under limited supervision to meet productivity requirements. The qualification includes four strands which represent distinct activities undertaken in harvesting operations.
More information (from provider website):	This training scheme is tailored for forestry harvesting employees who are already employed and require training and assessment to take place in the workplace. The Training Schemes are made up of a suite of NZQA approved unit standards and students can choose to enrol in unit standards as per their requirements in blocks of 20-39 credits at one time. Completion of the training scheme will also give students credit recognition towards the New Zealand Certificate in Forest Harvesting Operations (Level 3).
Credit value:	30 credits required to award the training scheme. Qualification must be awarded separately and requires 70-75 credits to be achieved.
Funded by Government:	Eligible for funding through TEC, likely via the TTAF
Target audience:	Current industry workers
Delivery mode:	On-job, part time
Entry requirements:	Please see information listed under Advanced Harvesting Operations - Training Scheme

Core competencies:



Training summary

Provider name:	NorthTec
Qualification name:	New Zealand Certificate in Forestry Operations
Level:	Level 3
Strands:	Chemical handling, mensuration, pruning, thin to waste
NZQA approved qualification?	Yes
Fees:	Fees free (domestic learners only)
Which qualifications could this lead to:	New Zealand Certificate in Forest Industry Operations (Planning and Monitoring) (Level 4) with strands in Harvesting, and Silviculture. New Zealand Certificate in Forest Operations (Level 4) with strands in Mechanised Land Preparation, and Mechanised Thinning.
Duration:	Varies
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in a forestry operations crew carrying out work in the establishment, silviculture, or mensuration sectors of the industry. Roles may include planter, pruner, tree thinner, and/or tree measurer.
Specific qualification location:	Northland
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to be employed in a production role in a forestry operation. Graduates will be able to work under limited supervision to meet quality requirements of a job prescription. The qualification includes six strands which represent distinct activities within forestry operations.
Credit value:	50 -70 credits depending on the strand
Funded by Government:	Eligible for funding through TEC, via the TTAF
Delivery mode:	Full time intramural. Part-time available
Entry requirements:	Please see information listed under Advanced Harvesting Operations - Training Scheme

Core competencies:



Training summary

Provider name:	NorthTec
Programme name	Advanced Harvesting Operations - Training Scheme
Qualification name:	New Zealand Certificate in Forestry Harvesting Operations (<i>credits towards</i>)
Level:	Level 4
Strands:	Ground based extraction, cable extraction, head breaker out, swing yarder extraction, spotting, log making, fleet – sort – stack, loading, tree felling, mechanised felling, mechanised processing
NZQA approved qualification?	Yes, but note that this is a training scheme as opposed to a qualification. It is a collection of unit standards that could, in addition with other standards, eventually meet the requirement to award a qualification.
Fees:	Fees free (domestic learners only)
Which qualifications could this lead to:	New Zealand Certificate in Forestry Harvesting Operations L4. This qualification can lead to the New Zealand Certificate in Forestry Crew Management (Level 5). <i>Note according to NZQA this qualification is expiring December 2021</i>
Duration:	Varies
Relevant jobs to progress to:	Machine operator, cable operation breaker out, manual processor, quality controller, poleman, tree faller cable extraction machine operator, ground-based extraction machine operator, harvest machine operator, head breaker out, log truck loader, log maker, mechanised felling machine operator, mechanised processing machine operator, cable extraction spotter, swing yarder operator, crew manager, crew foreman, crew leader, health and safety manager
Specific qualification location:	On-job training - on location, Northland
Qualification description (if available, from NZQA site):	The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to be employed in a production role in a harvesting operation. They will hold a senior position within the crew and will be able to contribute to the planning of a harvesting operation. They will be able to make decisions regarding their area of specialisation. Graduates will be responsible for the safe and efficient operation of forest harvesting plant and equipment without supervision. Graduates will also be responsible for the maintenance of plant and equipment and will be capable of maintaining productivity within the operation. The qualification includes eleven strands which represent distinct activities within forest harvesting operations.
More information (from provider website):	This training scheme is tailored for Forestry Workers who are already employed and require training and assessment to take place in the workplace. The Training Scheme is made up of a suite of NZQA approved unit standards and students can choose to enrol in unit standards as per their requirements in blocks of 20-39 credits at one time. Completion of the training scheme will also give students credit recognition towards the New Zealand Certificate in Forest Harvesting Operations (Level 4).
Credit value:	30 credits required to award the training scheme. Qualification must be awarded separately and requires 55-80 credits to achieve.
Funded by Government:	Eligible for funding through TEC, via the TTAF.
Target audience:	Current industry workers
Delivery mode:	On-job, part-time

Entry requirements:	<p>Generic Northtec entry requirements apply:</p> <p>All applicants must:</p> <ul style="list-style-type: none"> • be at least 16 years old at the time the programme commences. • be able to read, write, and communicate in English at a basic level. • be physically able to complete the programme specific outcomes. <p>For some programmes a police check or declaration about criminal convictions may be required. Students will be notified if this is required for the programme they apply for.</p> <p>Applicants for whom English is not a first language must have an IELTS score of 5.5 with no band score lower than 5 or an accepted international equivalence.</p>
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Core competencies:



Training summary

Provider name:	NorthTec
Programme name:	Working in Silviculture Operations - Training Scheme
Qualification name:	New Zealand Certificate in Forest Industry Operations (Planning and Monitoring) with strand in Silviculture (<i>credits toward</i>)
Level:	Level 4
Strands:	Silviculture Operations
NZQA approved qualification?	Yes
Fees:	Fees free (domestic learners only)
Which qualifications could this lead to:	New Zealand Certificate in Forest Industry Operations (Planning and Monitoring) (Level 4) with strands in Harvesting, and Silviculture, New Zealand Certificate in Workplace Health and Safety practice (Level 4), New Zealand Certificate in Business (Administration and Technology) (Level 4).
Duration:	Varies
Relevant jobs to progress to:	Crew manager, crew foreman, crew leader, health and safety manager
Specific qualification location:	On-job training - on location, Northland
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge to be employed in a supervisory role in a forestry or harvesting operation. They will be able to plan and supervise day-to-day activities within a forestry or harvesting operation. Graduates will be able to work without supervision and be responsible for the safe and efficient operation of forestry employees, plant and equipment. Graduates will also be capable of maintaining productivity within the operation. The qualification includes two strands which represent planning and monitoring activities within harvesting and silviculture operations.
More information (from provider website):	To provide an opportunity for people to engage with forestry industry skills and provide a pathway to forest training at level 4 and above and is intended for people who work largely unsupervised in the forest industry. Completion of the training scheme will also give students credit recognition towards the New Zealand Certificate in Forest Industry Operations (Level 4).
Credit value:	Qualification must be awarded separately and requires 55-60 credits to achieve
Funded by Government:	Eligible for funding through TEC, via the TTAF
Target audience:	Industry workers who work largely unsupervised
Delivery mode:	On-job, part time
Entry requirements:	Please see information listed under Advanced Harvesting Operations - Training Scheme

Core competencies:



Provider summary

TOI-OHOMAI
Institute of Technology

Provider name:	Toi Ohomai Institute of Technology	Region:	Bay of Plenty
Type:	Former Institute of Technology and Polytechnic - part of Te Pūkenga	Site locations:	Rotorua, Tauranga, Taupō, Tokoroa, and Whakatāne, plus additional delivery sites and online delivery
NZQA approved provider:	Yes		
EER rating and date:	Two (2018, prior to incorporation into Te Pūkenga)		
Primary delivery mode:	Mixed		

Qualifications and programmes on offer

Name	Level	Credits
New Zealand Certificate in Forest Industry Foundation Skills	2	42-55
New Zealand Certificate in Primary Industry Skills	2	40
New Zealand Certificate in Solid Wood Manufacturing	3	137
New Zealand Certificate in Forest Harvesting Operations	3	85
New Zealand Certificate in Solid Wood Manufacturing	4	45-55
Introduction to the New Zealand Forestry Sector	5	5
New Zealand Diploma in Forest Management	6	240

Educational Performance Information - 2020

Course completion rate:	84%	Qualification completion rate:	58%
Student progression:	0%		

Training summary

Provider name:	Toi Ohomai Institute of Technology
Programme name:	Generation Programme
Qualification name:	New Zealand Certificate in Forest Industry Foundation Skills
Level:	Level 2
Strands:	All strands
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	New Zealand Certificate in Forestry Operations (Level 3) with strands in Chemical Handling, Mensuration, Pruning and Thin to Waste. New Zealand Certificate in Forest Harvesting Operations (Level 3) with strands in Basic Machine Operation, Tree Felling, Breaking Out – Cable, Breaking Out – Ground Based, Manual Processing, Log Scaling, Poleman, Production Thinning, and Quality Control
Duration:	18 weeks full time
Relevant jobs to progress to:	Entry-level roles in a forestry or harvesting operation. They could be employed as planters, pruners, breaker-outs or manual processors.
Specific qualification location:	On and off campus sites
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have skills and knowledge relevant to entry level roles in a forestry operation. Graduates will have a basic understanding of the industry and the risks involved in the industry. They will be able to work under close supervision to meet quality requirements of an operation while maintaining safety.
More information (from provider website):	The New Zealand Certificate in Forest Industry Foundation Skills (Level 2) Generation Programme ⁵ is a perfect start. With the Central North Island Wood Council (CNIWC) support, industry backing and our talented tutors, we'll help grow your skills to secure entry-level roles in a commercial forestry operation or commercial harvesting operation. The course also covers fitness, health and nutrition to get you physically prepared for the work while learning the necessary skills for the job.
Credit value:	42-55
Funded by Government:	Eligible for funding through TEC, likely via SAC Levels 1 and 2 or YG
Delivery mode:	Mixed classroom and practical. Specific forestry training facilities onsite and offsite
Entry requirements:	Please see requirements for Toi Ohomai's New Zealand Certificate in Solid Wood Manufacturing (Level 3)

Core competencies:



⁵ Multiple versions of the Generation programme are referred to in this document. Each organisation may be delivering a slightly different version of the programme, in conjunction with relevant industry partners.

Training summary

Provider name:	Toi Ohomai Institute of Technology
Qualification name:	New Zealand Certificate in Primary Industry Skills
Level:	Level 2
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	New Zealand Certificate in Forest Harvesting Operations (Level 3) - Strands in Manual Processing, and Quality Control
Duration:	12 weeks full time
Relevant jobs to progress to:	Entry-level roles in the primary sector, such as in a forestry planting team.
Specific qualification location:	Rotorua, Tauranga, Whakatāne, Taupo, Tokoroa or at requested sites
Qualification description (if available, from NZQA site)	<p>The purpose of this qualification is to enable the recognition of the entry level skills and knowledge required by the primary industry sector, and to provide a training pathway for entry into careers in the primary sector. This qualification is targeted at new or potential entrants into the primary sector including seasonal workers, career changers and those not yet engaged in education, employment or training. This qualification will allow primary industry workplaces to:</p> <ul style="list-style-type: none"> • Recognise the skill development of casual, seasonal and/or entry level employees. • Identify graduates who can demonstrate the required skills and knowledge to contribute safely and effectively in the workplace. <p>Graduates will be capable of working under supervision.</p>
More information (from provider website):	This 12-week taster course will help you learn the basics and set you up for an exciting career outdoors. You'll get a real taste of what it's like to work in the horticulture and farming industries as well as discover the vast career opportunities that are on offer.
Credit value:	40
Funded by Government:	Eligible for funding through TEC, likely via SAC Levels 1 and 2
Target audience:	Learners with no previous knowledge or learning
Delivery mode:	Mixed - classroom and practical project-based learning. Specific forestry training facilities onsite at campus.

Core competencies:



Training summary

Provider name:	Toi Ohomai Institute of Technology
Qualification name:	New Zealand Certificate in Solid Wood Manufacturing
Level:	Level 3
Strands:	Timber Machining Strand or Sawdoctoring Strand
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	New Zealand Certificate in Timber Machining (Level 4) New Zealand Certificate in Wood Manufacturing (Advanced Processing) (Level 5)
Duration:	One year
Relevant jobs to progress to:	Solid wood manufacturing operator with limited supervision within the solid wood manufacturing industry, including roles in timber machining and sawdoctoring.
Specific qualification location:	Rotorua Forestry Campus
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the solid wood manufacturing industry with people who have the skills and knowledge required to work as an operator under general supervision in a solid wood manufacturing operation. Each strand represents a process undertaken in solid wood manufacturing. Graduates will be able to operate plant and equipment used in solid wood manufacturing safely and efficiently in one of these processes.
More information (from provider website):	If you enjoy working with wood, here's your chance to jump-start your career in wood manufacturing. Delivered through our Waipā Campus, we're the only dedicated training facility in the country to operate a working sawmill and wood manufacturing plant. Training and classes take place onsite, as part of our busy operation. In this one-year course, you'll first look at environmental issues, safety and product quality before getting into your chosen specialisation. When you're qualified, you'll be able to put your skills and knowledge to work as an operator in a solid wood manufacturing organisation.
Credit value:	137
Funded by Government:	Eligible for funding through TEC, via the TTAF
Delivery mode:	Specific forestry training facilities onsite at campus
Entry requirements:	National Certificate of Educational Achievement (NCEA) Level 2 or equivalent - 16 years old at the time the course starts, able to read, write, and communicate in English at a basic level, physically able to complete the course.

Core competencies:



Training summary

Provider name:	Toi Ohomai Institute of Technology
Qualification name:	New Zealand Certificate in Forest Harvesting Operations
Level:	Level 3
Strands:	Manual Processing, Quality Control
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	New Zealand Certificate in Forestry (Log Stock Management) (Level 4) with strands in Log Inventory, and Log Marshalling
Duration:	20 weeks full-time
Relevant jobs to progress to:	Work in a forest harvesting crew carrying out work on the landing.
Specific qualification location:	Rotorua Forestry Campus, Whakatane, Taupo, Blenheim, Tokoroa
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to be employed in a production role in a harvesting operation. They will hold a senior position within the crew and will be able to contribute to the planning of a harvesting operation. They will be able to make decisions regarding their area of specialisation. Graduates will be responsible for the safe and efficient operation of forest harvesting plant and equipment without supervision. Graduates will also be responsible for the maintenance of plant and equipment and will be capable of maintaining productivity within the operation.
More information (from provider website):	If you love tools and machines and want to work in the outdoors in New Zealand's forestry industry, this half-year course will get you started. It focuses on manual processing and quality control. You could play a key role in harvesting our production forests by working in a commercial forest harvesting or log scaling operation. There's a mix of practical learning, with some theory, as well as 10 weeks of industry experience. You team up with a real harvesting crew to put your skills and knowledge into practice. You learn how to be safe on site, make basic logging cuts, correctly process logs according to specific measurements, make decisions about grade and quality, and of course, maintain, sharpen and operate your own chainsaw.
Credit value:	85
Funded by Government:	Eligible for funding through TEC, via the TTAF.
Delivery mode:	Specific forestry training facilities onsite at campus
Entry requirements:	Please see requirements for Toi Ohomai's New Zealand Certificate in Solid Wood Manufacturing (Level 3)

Core competencies:



Training summary

Provider name:	Toi Ohomai Institute of Technology
Programme name:	Woodsman Programme
Qualification name:	New Zealand Certificate in Forest Harvesting Operations
Level:	Level 3
Strands:	Quality Control, Basic Machine Operation
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	New Zealand Diploma in Forest Management (Level 6)
Duration:	21 weeks full time
Relevant jobs to progress to:	Graduates could play a key role in harvesting our production forests by working in a commercial forest harvesting operation.
Specific qualification location:	Rotorua Forestry Campus
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to be employed in a production role in a forestry operation. Graduates will be able to work under limited supervision to meet quality requirements of a job prescription.
More information (from provider website):	This programme focuses on machine operating and quality control. You could play a key role in harvesting our production forests by working in a commercial forest harvesting operation. There's a mix of theory where you'll learn about current Health and Safety, policies and procedures, as well as practical learning with 15 weeks within a real-life harvesting crew to put your skills and knowledge into practice. You'll learn how to operate safely on a forestry worksite. Along with how to correctly operate, maintain and sharpen a chainsaw, cut logs to length, perform log making and quality control, safely operate a forestry machine used in harvesting operations. Skills and experience are gained via state-of-the-art simulators and time in a real excavator within an actual harvesting operation.
Credit value:	95
Funded by Government:	Eligible for funding through TEC, via the TTAF
Delivery mode:	Mixed, specific forestry training facilities onsite at campus
Entry requirements:	Please see requirements for Toi Ohomai's New Zealand Certificate in Solid Wood Manufacturing (Level 3)

Core competencies:



Training summary

Provider name:	Toi Ohomai Institute of Technology
Qualification name:	New Zealand Certificate in Solid Wood Manufacturing
Level:	Level 4
Strands:	Laminating Strand
NZQA approved qualification?	Yes
Fees:	\$4600 to \$5300 plus small amount of course related costs
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Manufacturing (Level 5) or New Zealand Certificate in Manufacturing (Level 6).
Relevant jobs to progress to:	Advanced operation roles in a solid wood manufacturing environment, specialising in wood lamination
Specific qualification location:	Rotorua Forestry Campus
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the solid wood manufacturing industry with people who have the skills and knowledge required to work as advanced operators without supervision in a solid wood manufacturing operation. Each strand represents a process undertaken in solid wood manufacturing. Graduates will be able to operate and maintain plant and equipment safely and efficiently and will be able to troubleshoot and make decisions to maintain productivity.
More information (from provider website):	Specialising in wood lamination, you'll learn all you need to know to get that ticket to becoming an advanced operator in a solid wood manufacturing operation. You'll study wood lamination processes and gain the skills and knowledge to carry out technical tasks involved in wood product lamination. You'll also lead an investigation on a production issue and learn about cost factors in a solid wood manufacturing operation. We offer the best facilities to support your learning and apply in practice, delivering our training and classes at the Timber Industry Training Centre (TITC) located at our Waipā Campus, the only dedicated training facility in the country to operate a working sawmill and wood manufacturing plant.
Credit value:	45- 55
Funded by Government:	Eligible for funding through TEC, likely via SAC 3+
Target audience:	Individuals who already have experience in wood manufacturing
Delivery mode:	Specific forestry training facilities onsite at campus
Entry requirements:	NCEA Level 2 with passes in English/Te Reo Māori or education achievement at least equivalent to NCEA Level 2; OR Evidence of ability to complete academic and any other programme requirements.

Core competencies:



Training summary

Provider name:	Toi Ohomai Institute of Technology
Programme name:	Introduction to the New Zealand Forestry Sector
Qualification name:	Microcredential
Level:	Level 5
NZQA approved qualification?	Yes, an approved microcredential of 5 credits at Level 5
Fees:	Price on application
Which qualifications could this lead to:	Successful learners may pursue further studies towards a range of New Zealand qualifications in the environment, forestry, wood manufacturing, sustainability, or other related fields.
Duration:	One week part time
Specific qualification location:	Rotorua
Qualification description (if available, from NZQA site)	<p>The aim of this course is for students to be introduced to key elements of the New Zealand forestry sector, evaluate their role as participants and identify factors currently affecting the industry. Outcomes:</p> <ul style="list-style-type: none"> • Describe key elements of the New Zealand forestry sector - establishment, silviculture, harvesting, forestry products and services. • Identify a range of operational and supporting roles within the sector impacting on organisational success. • Examine and discuss factors affecting forestry sector operations.
More information (from provider website):	Whether you're new to the forestry industry or want to grow your knowledge within the forestry sector, this course is for you. This part-time course will help you understand the New Zealand forestry sector and other areas affecting the industry.
Credit value:	5
Funded by Government:	No, self-funded
Delivery mode:	Specific forestry training facilities onsite at campus

Core competencies:



Training summary

Provider name:	Toi Ohomai Institute of Technology
Qualification name:	New Zealand Diploma in Forest Management
Level:	Level 6
NZQA approved qualification?	Yes
Fees:	Fees-free
Duration:	Two years full time
Relevant jobs to progress to:	Employment within the growing and harvesting sectors of the forest industry in a technical or management role. This may include forest mensuration and inventory, operational quality control, operations supervision, harvest planning, operational planning, logistics wood supply and supply chain, port operational role, health and safety management.
Specific qualification location:	Rotorua Forestry Campus
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to carry out a technical or management role within the forest growing and harvesting sectors. The forest industry will benefit from having people who can apply a blend of management skills and forest knowledge to enable them to contribute to the medium and long-term planning and management of forest operations. They will have developed a broad range of skills including the use of a wide range of industry specific software, forest planning, harvesting, supply chain management, log product logistics, commercial and financial analysis and contract management.
More information (from provider website):	With this nationally recognised two-year diploma, learners will gain the skills and knowledge to work in a technical or management role within the forest growing and harvesting sectors. This could be helping to manage New Zealand's vast production forest estate - 40% of which is located in the Bay of Plenty and South Waikato regions. Learners will learn about the complex business of forest management, from planting through to harvesting and selling. A good mix of theory and practical learning ensures they're job-ready at the end of the course. Learners visit industry to assess and analyse operations, write business plans and learn about setting up a forest management company.
Credit value:	240
Funded by Government:	Eligible for funding through TEC, via the TTAF
Target audience:	People with experience in the industry, or prior learning.
Delivery mode:	Mixed - classroom and practical, mainly off-job, specific forestry training facilities onsite
Entry requirements:	NCEA Level 2 with passes in English/Te Reo Māori or education achievement at least equivalent to NCEA Level 2 and a minimum of 42 credits at level 3; OR Evidence of ability to complete academic requirements for the programme.

Core competencies:



Provider summary



Provider name:	Western Institute of Technology at Taranaki	Region:	Taranaki
Type:	Former Institute of Technology and Polytechnic - part of Te Pūkenga	Site locations:	New Plymouth and Hāwera
NZQA approved provider:	Yes		
EER rating and date:	Two (2017, prior to incorporation into Te Pūkenga)		
Primary delivery mode:	Classroom based		

Training summary

Provider name:	Western Institute of Technology at Taranaki
Programme name:	Trades Academy, Forestry
Qualification name:	New Zealand Certificate in Educational Achievement
Level:	Level 2
Strands:	Landing Operations
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	Leads to New Zealand Certificate in Forestry Harvesting Operations (Level 3)
Duration:	One year
Specific qualification location:	New Plymouth
Qualification description (if available, from NZQA site)	The NCEA is the official secondary-school qualification in New Zealand.
More information (from provider website):	<p>The purpose of this programme is to enable delivery of unit standards within the Vocational Pathways to secondary students. Students are able to combine study with the Taranaki Trades Academy at WITT with studies towards their NCEA and a transferable tertiary qualification at level 1, 2 or 3.</p> <p>The aim of this Trades Academy programme is to also motivate students to stay engaged in learning and training by providing them with a greater number of options for study, provide students with clear pathways post-school by giving them a head start on training for qualifications and will also allow students to progress onto further education and training or the workforce, building on what they have already achieved at the Trades Academy.</p>
Credit value:	20-23
Funded by Government:	Eligible for funding through TEC, likely via YG
Delivery mode:	Part time (1-day a week). Tutor contact and self-directed learning
Entry requirements:	Be enrolled in a Taranaki secondary school and be in Year 11, 12 or 13 and have achieved at least 60 credits at NCEA Level 1, have a genuine interest in forestry, gain approval from school and parents/guardians and be motivated to succeed.
Other comments:	This aligns with the Vocational Pathway for forestry.

Core competencies:



Training summary

Provider name:	Western Institute of Technology at Taranaki
Qualification name:	New Zealand Certificate in Forestry Harvesting Operations
Level:	Level 3
Strands:	Landing Operations
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Forest Harvesting Operations (Level 4) with strands in Cable Extraction; Ground Based Extraction; Harvestline; Head Breaker Out; Loading; Log Making; Mechanised Felling; Mechanised Processing; Spotting; Swing Yarder Extraction; and Tree Felling.
Duration:	Half-year
Relevant jobs to progress to:	Cable operation breaker out, manual processor, quality controller and poleman
Specific qualification location:	New Plymouth
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to operate at a production level in an operational role in a forest harvesting operation. Graduates will have an understanding of safety, environmental and quality requirements of working in a forest harvesting operation. They will work under limited supervision to meet productivity requirements. The qualification includes four strands which represent distinct activities undertaken in harvesting operations.
More information (from provider website):	This 20-week hands-on programme prepares you to have the skills and knowledge to work in a forest harvesting crew carrying out work specific to the landing strand you have completed. It focuses on manual processing and quality control. You could play a key role in harvesting our production forests by working in a commercial forest harvesting or log scaling operation. There's a mix of practical learning, with some theory, as well as 10 weeks of industry experience. You'll team up with a real harvesting crew to put your skills and knowledge into practice.
Credit value:	70 - 75
Funded by Government:	Eligible for funding through TEC, via the TTAF
Delivery mode:	Classroom
Entry requirements:	Open entry must be physically fit and able to complete practical work. Applicants will also need to submit a completed Personal Health Status Declaration to confirm that they will be physically capable of working in the forestry harvesting environment.

Core competencies:



Provider summary



Contextual information



Te Pūkenga Work Based Learning Limited (WBL) was established in 2021.

In February 2021, Te Pūkenga Council made a submission to the Education Minister to seek approval for the establishment of a work-based learning subsidiary. This subsidiary would incorporate the work-based training functions of those Transitional ITOs that had signalled intent to transfer into the wider Te Pūkenga operating model. On Monday 15 March this request was confirmed by the Minister of Education.

The training information provided in this document for WBL incorporates the work-based training functions previously contained within Competenz, the ITO for the forestry and wood processing industries.

Historically, work-based training has been delivered through New Zealand Apprenticeships, which are programmes of study that combine on-job learning and experience with delivery of approved qualifications, such as New Zealand Certificates, as well as standalone delivery of New Zealand Certificates. A full list of New Zealand Apprenticeships offered via WBL/Competenz is included on page 76. There is limited information on the specific qualifications available through WBL/Competenz on either organisation websites, with the majority of information collected from the NZQA website. This may not yet incorporate any changes to qualifications made by WBL/Competenz in October 2021

Provider name:	Te Pūkenga Work Based Learning Limited (WBL)/Competenz	Region:	Nationwide
Type:	Former ITO - part of Te Pūkenga	Site locations:	Nationwide
NZQA approved provider:	Yes		
Primary delivery mode:	On-job, work-based training		

Qualifications and programmes on offer		
Name	Level	Credits
New Zealand Certificate in Forest Industry Foundation Skills	2	45
New Zealand Certificate in Solid Wood Manufacturing	2	45-75
New Zealand Certificate in Wood Manufacturing	2	40
New Zealand Certificate in Manufacturing	2	40
New Zealand Certificate in Wood Panel Manufacturing	2	60
New Zealand Certificate in Business (Introduction to Team Leadership)	3	45
New Zealand Certificate in Forest Harvesting Operations	3	70-75
New Zealand Certificate in Solid Wood Manufacturing	3	70-85
New Zealand Certificate in Wood Panel Manufacturing	3	60-65
New Zealand Certificate in Tree Felling and Clearing (Non-Production)	3	50-65
New Zealand Certificate in Wood Handling and Distribution	3	40-55
New Zealand Certificate in Manufacturing	3	40-60

New Zealand Certificate in Pulp and Paper Manufacturing	3	70
New Zealand Certificate in Forestry Operations	3	50-80
New Zealand Certificate in Forestry Industry Operations (Planning and Monitoring)	4	55-60
New Zealand Certificate in Forestry Operations	4	55
New Zealand Certificate in Composite Wood Panel Manufacturing	4	75
New Zealand Certificate in Solid Wood Manufacturing	4	45-55
New Zealand Certificate in Finger Jointing	4	135
New Zealand Certificate in Saw Doctoring	4	125
New Zealand Certificate in Business (First Line Management)	4	60
New Zealand Certificate in Forest Harvesting Operations	4	55-80
New Zealand Certificate in Pulp and Paper Manufacturing	4	120
New Zealand Certificate in Sawmilling	4	75
New Zealand Certificate in Timber Machining	4	150
New Zealand Certificate in Manufacturing	4	60-80
New Zealand Certificate in Manufacturing	5	65
Forestry Operations - Environment	2/3	20
Chainsaw Use in Forestry Production	2/3	17
Plant plantation trees	3	10
Digital Skills for Manufacturing	3	5

Educational Performance Information - 2020

Credit achievement:	46%	Programme completion:	52%
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Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Forest Industry Foundation Skills
Level:	Level 2
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Forestry Operations (Level 3) with strands in Basic Machine Operations, Mensuration, Production Thinning, Planting, Pruning, and Thin to Waste, or New Zealand Certificate in Forest Harvesting Operations (Level 3) with strands in Basic Machine Operation, Breaking Out - Cable, Landing Operations, and Tree Felling
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in entry-level roles as planters, pruners, breaker-outs or manual processors in a forestry operation.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have skills and knowledge relevant to entry level roles in a forestry operation. Graduates will have a basic understanding of the industry and the risks involved in the industry. They will be able to work under close supervision to meet quality requirements of an operation while maintaining their own safety.
Credit value:	45
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Solid Wood Manufacturing
Level:	Level 2
Strands:	Finger Jointing; Laminating; Pole, Post and Pile; Sawmilling; Timber Drying and Treatment; Timber Grading; Timber Machining; and Wood Pallet Manufacturing
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Solid Wood Manufacturing (Level 3) with strands in Finger Jointing; Pole, Post and Pile; Saw Doctoring; Sawmilling; Timber Drying; Timber Grading and Optimising; Timber Machining and Timber Treatment
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge within a solid wood manufacturing environment to work in entry-level roles which include finger jointing plant operator, glue line operator, glue press operator, roundwood plant operator, saw centre operator, timber treatment plant operator, kiln operator, manual timber grader, planer operator, wood pallet assembler.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the solid wood manufacturing industry with people who have introductory skills and knowledge relevant to work in entry-level roles under close supervision within this industry. Each strand represents a process undertaken in solid wood manufacturing. Graduates will be able to work safely in entry-level operational roles in one of these processes.
Credit value:	45-75
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Wood Manufacturing
Level:	Level 2
Strands:	Wood Handling and Distribution, Wood Manufacturing Operations, and Wood Processing
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Wood Handling and Distribution (Level 3) with strands in Log Yard Operations; Timber Yarding and Despatch and Wood Fibre Operations.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge within the wood manufacturing environment to either work in entry level non-operational roles, log or timber yards carrying out basic operational tasks or roles covering a range of basic wood processing tasks.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the wood manufacturing industry with people who have the foundation skills and knowledge relevant to work in this industry under general supervision. Each strand represents a process undertaken in wood manufacturing. Graduates will be able to work safely in entry-level operational roles under close supervision.
Credit value:	40
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Manufacturing
Level:	Level 2
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Manufacturing (Level 3) with an optional strand in Productivity Improvement.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in entry level operational or non-operational roles in a manufacturing plant.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This is an entry level qualification designed for people already working in the manufacturing industry or people wishing to enter the manufacturing industry in an entry level role. The purpose of this qualification is to provide the manufacturing sector with people who have foundation skills and knowledge to work safely in entry level operational, or non-operational roles in the manufacturing sector. Graduates will be able to work with supervision.
Credit value:	40
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Wood Panel Manufacturing
Level:	Level 2
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Wood Panel Manufacturing (Level 3) with strands in Composite Panel Finishing; Laminated Veneer Lumber and Plywood; Overlay Bonding and Veneer Preparation.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge required to work safely in entry-level positions such as assistants on preparation, pressing, drying or finishing lines in a wood panel manufacturing environment.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the wood panel manufacturing industry with people who have introductory knowledge relevant to entry-level roles in the wood panel manufacturing industry. Graduates will be able to work safely in entry-level operational roles in one of these processes.
Credit value:	60
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Business (Introduction to Team Leadership)
Level:	Level 3
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	<p>Graduates of this qualification may progress to:</p> <ul style="list-style-type: none"> • New Zealand Certificate in Business (Small Business) (Level 4). • New Zealand Certificate in Business (First Line Management) (Level 4). • New Zealand Certificate in Business (Administration and Technology) (Level 4), or any relevant industry qualification at level 4.
Relevant jobs to progress to:	Graduates of this qualification may be employed in a leadership role within a team in a variety of employment, cultural, or community settings.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	<p>This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. This qualification is intended for people working towards or wanting to become a leader in a team within an entity. The qualification will provide Aotearoa New Zealand with people who have the skills and knowledge to contribute to effective team performance and to be effective in a leadership role within a team. Graduates of this qualification will benefit Aotearoa New Zealand by contributing effectively to team objectives and by developing their team leadership skills. They will be able to contribute effectively to an operational team, in accordance with ngā kaupapa o te Tiriti o Waitangi (the principles of the Treaty of Waitangi), and in a multicultural environment.</p>
Credit value:	45
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Forest Harvesting Operations
Level:	Level 3
Strands:	Basic Machine Operation, Breaking Out - Cable, Landing Operations, and Tree Felling
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Forest Harvesting Operations (Level 4) with strands in Cable Extraction; Ground Based Extraction; Harvestline; Head Breaker Out; Loading; Log Making; Mechanised Felling; Mechanised Processing; Spotting; Swing Yarder Extraction; and Tree Felling.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in a forest harvesting crew carrying out work specific to the strand they have completed, on the landing or in the cutover. Roles may include machine operator, cable operation breaker out, manual processor, quality controller, poleman, and/or tree faller.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to operate at a production level in an operational role in a forest harvesting operation. Graduates will understand safety, environmental and quality requirements of working in a forest harvesting operation. They will work under limited supervision to meet productivity requirements. The qualification includes four strands which represent distinct activities undertaken in harvesting operations.
Credit value:	70 -75
Funded by Government:	Eligible for funding through TEC, via the TTAF
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz (via Toi Ohomai Institute of Technology)
Qualification name:	New Zealand Certificate in Solid Wood Manufacturing
Level:	Level 3
Strands:	Finger Jointing; Pole, Post and Pile; Saw Doctoring; Sawmilling; Timber Drying; Timber Grading and Optimising; Timber Machining; and Timber Treatment
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Solid Wood Manufacturing (Level 4) with strands in Laminating, Timber Drying, Timber Grading, and Timber Treatment.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge within a solid wood manufacturing environment to work in operational roles which include finger jointing plant operator, roundwood plant operator, saw centre operator, timber treatment plant operator, kiln operator, timber grader, quality controller, planer operator.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the solid wood manufacturing industry with people who have the skills and knowledge required to work as an operator under general supervision in a solid wood manufacturing operation. Each strand represents a process undertaken in solid wood manufacturing. Graduates will be able to operate plant and equipment used in solid wood manufacturing safely and efficiently in one of these processes.
Credit value:	70 - 85
Funded by Government:	Eligible for funding through TEC, via the TTAF
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Wood Panel Manufacturing
Level:	Level 3
Strands:	Composite Panel Finishing, Laminated Veneer Lumber and Plywood, Overlay Bonding, and Veneer Preparation
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	The Composite Finishing strand of this qualification can lead to the New Zealand Certificate in Composite Wood Panel Manufacturing (Level 4). The Laminated Veneer Lumber and Plywood and Veneer Preparation strands of this qualification can lead to the New Zealand Certificate in Finger Jointing (Level 4) and the New Zealand Certificate in Timber Machining (Level 4). The Overlay Bonding strand of this qualification can lead to the New Zealand Certificate in Manufacturing (Level 4) with an optional strand in Technical Support.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in operational roles which include wood panel manufacturing plant operator, wood panel finishing plant operator, wood panels grader, overlay bonding plant operator, lathe operator, veneer grader, debarker operator in a wood panel manufacturing environment.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the wood panel manufacturing industry with people who have the skills and knowledge to achieve production requirements as operators in a wood panel manufacturing operation. Each strand represents a process undertaken in wood panelling manufacturing. Graduates will have the technical skills and knowledge required for the safe and efficient operation of plant and equipment used in one of these processes under limited supervision.
Credit value:	60-65
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Tree Felling and Clearing (Non-Production)
Level:	Level 3
Strands:	Optional strand in Hazardous Tree Felling
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification certificate has no further direct educational pathways at a higher level however, it may lead to the following qualification at the same level: New Zealand Certificate in Forest Harvesting Operations (Level 3) with strands in Basic Machine Operation, Breaking Out - Cable, Landing Operations, and Tree Felling.
Relevant jobs to progress to:	Graduates of this qualification will be able to fell and clear trees as part of carrying out their primary role outside of the forest industry (non-production). Graduates of the optional strand will be able to fell hazardous trees in addition to non-hazardous trees. Roles may include: Department of Conservation rangers, Army personnel, rural fire fighters, forest supervisors, forest security, road construction and maintenance, track construction and maintenance, search and rescue.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide people who have gained sufficient knowledge and skills to operate safely and effectively in roles outside of the forest industry (non-production) that involve the felling and clearing of trees. This qualification is intended for people in the Department of Conservation, the Army, rural fire fighting, forestry (supervisors or security), road construction and maintenance, and track construction and maintenance. Graduates of this qualification will be capable of planning and undertaking the felling and clearing of trees under limited supervision. Those that complete the Hazardous Tree Management strand are able to fell trees under hazardous circumstances under limited supervision.
Credit value:	50 - 65
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Wood Handling and Distribution
Level:	Level 3
Strands:	Log Yard Operations, Paint Operations, Timber Yarding and Despatch, and Wood Fibre Operations
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Solid Wood Manufacturing (Level 3) with strands in Finger Jointing; Pole, Post and Pile; Saw Doctoring; Sawmilling; Timber Drying; Timber Grading and Optimising; Timber Machining and Timber Treatment.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge required to work in log yard, painting operations, wood fibre, yarding and despatch operational roles in wood manufacturing.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the wood manufacturing industry with people who have the skills and knowledge relevant to work under limited supervision, in operational roles in the areas of log yard, wood fibre, timber yard, and paint operations. Each strand represents a process undertaken in wood panelling manufacturing. Graduates will have the technical skills and knowledge required for the safe and efficient operation of plant and equipment used in one of these processes.
Credit value:	40-55
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Manufacturing
Level:	Level 3
Strands:	Optional strand: Productivity Improvement
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Manufacturing (Level 4) with an optional strand in Technical Support.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in operational roles such as a Machine Operator in manufacturing plants.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the manufacturing sector with people who have the knowledge and skills to work as an operator in a manufacturing plant. This qualification is designed for people already working in a manufacturing sector. Graduates will be able to work safely under limited supervision. The optional Productivity Improvement strand provides recognition of further skills and knowledge in the specialised area of productivity improvement.
Credit value:	40-60
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Pulp and Paper Manufacturing
Level:	Level 3
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Pulp and Paper Manufacturing (Level 4) with strands in Mechanical Pulping; Pulp and Paper Dry End; Pulp and Paper Wet End and Pulp and Paper Forming.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in new entrant level positions in a pulp and paper manufacturing environment.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the pulp and paper industry with individuals who have the skills and knowledge relevant to working in entry level operational roles under limited supervision. The qualification is designed for new entrants to the pulp and paper industry. Graduates will have an introductory knowledge of pulp and paper processes, environmental issues, and will be able to operate within health and safety requirements and quality systems used in pulp and paper manufacturing.
Credit value:	70
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Forestry Operations
Level:	Level 3
Strands:	Basic Machine Operations, Mensuration, Planting, Pruning, Thin to Waste, and Production Thinning
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	<p>This qualification can lead to the New Zealand Certificate in Forest Industry Operations (Planning and Monitoring) (Level 4) with strands in Harvesting, and Silviculture, New Zealand Certificate in Forest Operations (Level 4) with strands in Mechanised Land Preparation, and Mechanised Thinning.</p> <p>This qualification has no further direct educational pathways at a higher level, however graduates may pathway onto the following qualification at the same level New Zealand Certificate in Forest Harvesting Operations (Level 3) with strands in Basic Machine Operation, Breaking Out - Cable, Landing Operations, and Tree Felling.</p>
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in a forestry operations crew carrying out work in the establishment, silviculture, or mensuration sectors of the industry. Roles may include planter, pruner, tree thinner, and/or tree measurer.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	<p>This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to be employed in a production role in a forestry operation.</p> <p>Graduates will be able to work under limited supervision to meet quality requirements of a job prescription. The qualification includes six strands which represent distinct activities within forestry operations.</p>
Credit value:	50 - 80
Funded by Government:	Eligible for funding through TEC, via the TTAF
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Forestry Industry Operations (Planning and Monitoring)
Level:	Level 4
Strands:	Harvesting and Silviculture
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	<p>This qualification can lead to the:</p> <ul style="list-style-type: none"> • New Zealand Certificate in Forest Industry Operations (Planning and Monitoring) (Level 4) with strands in Harvesting, and Silviculture. • New Zealand Certificate in Workplace Health and Safety practice (Level 4). • New Zealand Certificate in Business (Administration and Technology) (Level 4).
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work as a crew leader in a forestry or harvesting crew. Roles may include: crew manager, crew foreman, crew leader, health and safety manager
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge to be employed in a supervisory role in a forestry or harvesting operation. They will be able to plan and supervise day-to-day activities within a forestry or harvesting operation. Graduates will be able to work without supervision and be responsible for the safe and efficient operation of forestry employees, plant and equipment. Graduates will also be capable of maintaining productivity within the operation. The qualification includes two strands which represent planning and monitoring activities within harvesting and silviculture operations.
Credit value:	55 - 60
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Forestry Operations
Level:	Level 4
Strands:	Mechanised Land Preparation, and Mechanised Thinning
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification has no direct educational pathways at a higher level, however graduates may complete the following qualification at the same level - New Zealand Certificate in Forest Industry Operations (Planning and Monitoring) (Level 4) with strands in Harvesting, and Silviculture.
Relevant jobs to progress to:	Graduates will have the skills and knowledge to work in a forest operations crew carrying out mechanised thinning or mechanised land preparation work. Graduates may be able to progress onto more senior roles within the operation including crew manager or operations manager. Roles may include mechanised land preparation machine operator or mechanised thinning machine operator.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to be employed in a production role in a commercial forestry operation and contribute to the planning of operations. They will be able to make decisions in their area of specialisation. Graduates will be able to operate a mechanised plant and equipment safely and efficiently without supervision and maintain plant equipment while retaining productivity within the operation. The qualification includes two strands in mechanised land preparation and mechanised thinning which represent distinct activities within forestry operations.
Credit value:	55
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Composite Wood Panel Manufacturing
Level:	Level 4
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Manufacturing (Level 5)
Relevant jobs to progress to:	Graduates of this qualification will have the knowledge required to work in roles which include wood panel manufacturing plant operator, production manager and quality controller in a composite wood panel manufacturing environment.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the wood panel manufacturing industry with people who have technical skills and knowledge required to operate independently in operational roles in composite wood panel manufacturing. Graduates will be able to operate complex plant and equipment safely and efficiently to prepare, form, and press composite wood panel products.
Credit value:	75
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz (via Toi Ohomai Institute of Technology)
Qualification name:	New Zealand Certificate in Solid Wood Manufacturing
Level:	Level 4
Strands:	Laminating, Timber Drying, Timber Grading, and Timber Treatment
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Manufacturing (Level 5)
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in advanced finger jointing, laminating, sawmilling, timber drying, timber grading, and timber treatment roles in a solid wood manufacturing environment.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the solid wood manufacturing industry with people who have the skills and knowledge required to work as advanced operators without supervision in a solid wood manufacturing operation. Each strand represents a process undertaken in solid wood manufacturing.
Credit value:	45 - 55
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Finger Jointing
Level:	Level 4
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification builds on the Finger Jointing Strand of the New Zealand Certificate in Solid Wood Manufacturing (Level 3) with strands in Finger Jointing; Pole, Post and Pile; Saw Doctoring; Sawmilling; Timber Drying; Timber Grading and Optimising; Timber Machining and Timber Treatment. This qualification can lead to the New Zealand Certificate in Manufacturing (Level 5).
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in advanced finger jointing operational roles in solid wood manufacturing.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. This purpose of this qualification is to provide the solid wood manufacturing industry with people who have the advanced technical skills and knowledge required to operate, without supervision, as trade-level finger jointer operators. Graduates will be able to operate and maintain plant and equipment safely and efficiently and will be able to troubleshoot and make decisions to maintain productivity.
Credit value:	135
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Saw Doctoring
Level:	Level 4
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification builds on the Saw Doctoring strand of the New Zealand Certificate in Solid Wood Manufacturing (Level 3) with strands in Finger Jointing; Pole, Post and Pile; Saw Doctoring; Sawmilling; Timber Drying; Timber Grading and Optimising; Timber Machining and Timber Treatment. This qualification can lead to the New Zealand Certificate in Manufacturing (Level 5).
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work as trade qualified saw doctors in solid wood manufacturing.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the wood manufacturing sector with people who have the advanced technical skills and knowledge required to operate, without supervision, as trade-level saw doctors. Graduates will be able to operate and maintain plant and equipment safely and efficiently and will be able to troubleshoot and make decisions to maintain productivity.
Credit value:	125
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Business (First Line Management)
Level:	Level 4
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	<p>Graduates of this qualification may progress to:</p> <ul style="list-style-type: none"> • New Zealand Diploma in Business (Level 5) with strands in Accounting, Administration and Technology, Human Resource Management, Leadership and Management, Marketing and Sales, and Project Management. • New Zealand Diploma in Business (Level 6) with strands in Accounting, Administration and Technology, Human Resource Management, Leadership and Management, Māori Business and Management, Marketing and Sales, and Real Estate. • Other relevant industry qualifications at a higher level.
Relevant jobs to progress to:	Graduates of this qualification may be employed in management roles such as a first line manager in a variety of business, cultural, or community contexts.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide Aotearoa New Zealand with people who can lead effective teams and manage workflows to achieve team and/or entity objectives, when employed in first line management roles. Graduates of this qualification will be able to lead teams and manage workflows in an effective and ethical manner, in accordance with ngā kaupapa o te Tiriti o Waitangi (the principles of the Treaty of Waitangi), and in a multicultural environment.
Credit value:	60
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Forest Harvesting Operations
Level:	Level 4
Strands:	Cable Extraction, Ground Based Extraction, Mobile Cable Yarder, Head Breaker Out, Loading, Log Making, Mechanised Felling, Mechanised Processing, Spotting, Swing Yarder Extraction, and Tree Felling
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification has no further direct educational pathways at a higher level, however graduates may pathway onto the following qualification at the same level: New Zealand Certificate in Forest Industry Operations (Planning and Monitoring) (Level 4) with strands in Harvesting, and Silviculture.
Relevant jobs to progress to:	Graduates of this qualification will be able to work in a forest harvesting crew carrying out work on the landing or in the cutover. Graduates of this qualification may be able to progress onto more senior roles within the operation including crew manager or operations manager. Roles may include cable extraction machine operator, ground based extraction machine operator, mobile cable yarder operator, head breaker out, log truck loader, log maker, mechanised felling machine operator, mechanised processing machine operator, cable extraction spotter, swing yarder operator, tree faller.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to be employed in a production role in a harvesting operation. They will hold a senior position within the crew and will be able to contribute to the planning of a harvesting operation. They will be able to make decisions regarding their area of specialisation. Graduates will be responsible for the safe and efficient operation of forest harvesting plant and equipment without supervision. Graduates will also be responsible for the maintenance of plant and equipment and will be capable of maintaining productivity within the operation. The qualification includes eleven strands which represent distinct activities within forest harvesting operations.
Credit value:	55 - 80
Funded by Government:	Eligible for funding through TEC, via the TTAF
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Pulp and Paper Manufacturing
Level:	Level 4
NZQA approved qualification?	Yes
Fees:	Fees-free
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work as operators of plant and equipment in a pulp and paper manufacturing environment. Graduates can progress to plant or operations management roles. These roles require further skills and knowledge in operations management or process technical skills usually gained through higher level qualifications in engineering or business management.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	<p>This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the pulp and paper industry with individuals who have the advanced skills and knowledge to safely and efficiently operate plant and equipment used in pulp and paper manufacturing without supervision under broad guidance. Graduates will understand the science and technology behind manufacturing processes used to make pulp and paper. They will be able to:</p> <ul style="list-style-type: none"> • apply knowledge of processes to make improvements in productivity and quality. • safely and efficiently control plant and equipment in their specialist area.
Credit value:	120
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Sawmilling
Level:	Level 4
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Manufacturing (Level 5)
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in advanced Sawmilling roles in a solid wood manufacturing environment.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the solid wood manufacturing industry with people who have the skills and knowledge required to work as advanced operators without supervision in a sawmilling operation. Graduates will be able to operate and maintain plant and equipment safely and efficiently and will be able to troubleshoot and make decisions to maintain productivity.
Credit value:	75
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Timber Machining
Level:	Level 4
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Manufacturing (Level 5).
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in advanced timber machining operational roles which include timber machinist, production scheduler, line supervisor in solid wood manufacturing.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the solid wood manufacturing industry with people who have the advanced technical skills and knowledge to operate, without supervision, as trade-level timber machinists. Graduates will be able to operate and maintain plant and equipment safely and efficiently and will be able to troubleshoot and make decisions to maintain productivity.
Credit value:	150
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Manufacturing
Level:	Level 4
Strands:	Optional strand: Technical Support
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification leads to the: <ul style="list-style-type: none"> • New Zealand Certificate in Business (First Line Management) (Level 4). • New Zealand Certificate in Manufacturing (Level 5).
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in senior operational roles and take responsibility for one or more stages of a manufacturing process.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	<p>This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the manufacturing sector with skilled operational people capable of setting up, troubleshooting, and coordinating one or more stages of a manufacturing process, to meet production and customer requirements.</p> <p>Graduates will be able to work independently.</p> <p>The Technical Support optional strand provides recognition of further skill development in the technical support of manufacturing operations.</p>
Credit value:	60 - 80
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Qualification name:	New Zealand Certificate in Manufacturing
Level:	Level 5
NZQA approved microcredential?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification may lead to further higher- level study in business and management.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in advanced operational roles as process technologists or production supervisors in the manufacturing industry.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the manufacturing industry with people who have the skills and knowledge required to manage and improve a production process on a manufacturing site. Graduates will be able to independently manage adherence to compliance standards and quality assurance to improve end-product quality.
Credit value:	65
Funded by Government:	Eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Programme name:	Forestry Operations - Environment
Qualification name:	Microcredential
Level:	Level 2 and Level 3
NZQA approved microcredential?	Yes
Which qualifications could this lead to:	Various Certificates and Apprenticeship programmes
Specific qualification location:	On-job, nationwide
Description (if available, from NZQA site)	<p>Combines demonstrate knowledge of general health, safety, and environmental requirements in forestry, demonstrate knowledge of factors that affect the performance of forestry workers, and demonstrate knowledge of environmental requirements in forestry operations. To provide the forestry sector with skilled workers who are able to meet the theoretical knowledge and practical skill requirements required to meet health and safety, quality and environmental components of the job prescription. These workers will also learn key elements of forestry work to enable them to successfully progress from planting operations to other Forestry operations.</p> <p>At the end of this learning package, learners will be able to:</p> <ul style="list-style-type: none"> • Demonstrate knowledge of the role of health and safety in forestry operations. • Demonstrate knowledge of emergency procedures and related requirements to be used in the event of a forest emergency. • Demonstrate knowledge of personal safety in first line vegetation firefighting. • Describe environmental considerations for forestry and legislation that impacts on environmental management of commercial forestry. • Describe the environmental requirements for a specific forestry operation. • Identify substances which may adversely affect work performance and safety and describe the effects of substance misuse on work performance. • Explain factors affecting fluid loss for workers in a forestry operation. • Describe how to maintain adequate hydration in a forestry operation, and associated benefits. • Explain the role of diet in maintaining the physical wellbeing of forestry workers. • Describe causes and effects of stress and fatigue on the work performance of workers in a forestry operation and explain ways to reduce stress and fatigue. • Describe ways to attend to personal health matters.
Credit value:	20
Funded by Government:	Potentially eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Programme name:	Chainsaw use in Forestry Production
Qualification name:	Microcredential
Level:	Level 2 and Level 3
NZQA approved microcredential?	Yes
Which qualifications could this lead to:	Various Certificates and Apprenticeship programmes
Specific qualification location:	On-job, nationwide
Description (if available, from NZQA site)	<p>Combines demonstrate knowledge of the rules relating to chainsaw use and operate a chainsaw and carry out basic chainsaw maintenance in a commercial forestry situation</p> <p>This micro-credential is designed to recognise the key health and safety knowledge and operational rules, as well as the operational and basic mechanical skill sets required by workers carrying out activities that require chainsaw use in the production forestry environment, subject to production rates and quality control. Graduates of this micro-credential will have knowledge of the rules relating to safe chainsaw use and the skills to safely operate and maintain a chainsaw in the production forestry environment. This micro-credential will give recognition to workers who do not use a chainsaw as a main part of their role but are required to use one from time to time e.g., machine operators, breaker outs. The micro-credential will also allow the opportunity to up-skill job changers into the forestry sector, and allow people not currently engaged in training to receive recognition and training for their skills. The micro-credential will also provide a clear pathway for some workers into roles where chainsaw use is required e.g., thinning and tree felling.</p>
Credit value:	17
Funded by Government:	Potentially eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Programme name:	Plant plantation trees
Qualification name:	Microcredential
Level:	Level 3
NZQA approved qualification?	Yes
Which qualifications could this lead to:	Various Certificates and Apprenticeship programmes
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	<p>The purpose of this micro-credential is to provide the Forestry sector with skilled workers who can identify and meet the key elements required for the safety, quality, and environmental requirements of the job prescription for planting trees.</p> <p>Due to the seasonal nature of planting work, this micro-credential will also support workers who are not in the role long enough to complete a full programme of study but can still get recognition for the skills and knowledge to help them gain employment for the following planting season. Similarly, workers in the pruning or thinning programmes may move to planting for the season and should be able to gain additional recognition for the additional skill set. Graduates of this micro-credential will be able to prepare for, and plant plantation trees in a commercial forestry operation. The considerations a graduate will be able to take into account are the terrain, the environmental requirements, job prescriptions, quality control, accepted industry practices and worksite procedures for health and safety.</p>
Credit value:	10
Funded by Government:	Potentially eligible for funding through TEC
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	WBL/Competenz
Programme name:	Digital Skills for Manufacturing
Qualification name:	Microcredential
Level:	Level 3
NZQA approved qualification?	Yes
Duration:	9 x 3-hour sessions
More information (from provider website):	<p>This programme has been designed for the New Zealand manufacturing sector to take our people on a learning journey to develop new skills and confidence to engage with these changes.</p> <p>This micro-credential recognises the skills and knowledge required to confidently use digital technology in a manufacturing workplace. It will enable learners to develop skills required for the future of work.</p> <p>Graduates of this micro-credential will be able to:</p> <ul style="list-style-type: none"> • Describe and use digital processes and complete digital tasks. • Describe digital security. • Describe and use production or safety data.
Delivery mode:	Classroom

Core competencies:



List of New Zealand Apprenticeships offered by WBL/Competenz

As of July 2020, the New Zealand Apprenticeship Register showed the following qualifications for Competenz, which has since been incorporated into WBL.

- New Zealand Apprenticeship Forest Harvesting Plant Operator.
- New Zealand Apprenticeship Head Breaker-Out.
- New Zealand Apprenticeship Head Breaker-Out/Log Making.
- New Zealand Apprenticeship Head Breaker-Out/Machine Operations Hauler.
- New Zealand Apprenticeship Head Breaker-Out/Production Tree Felling.
- New Zealand Apprenticeship Log Maker/Machine Operations Hauler.
- New Zealand Apprenticeship Log Making/Machine Operations Loader.
- New Zealand Apprenticeship Log Making and Machine Operations Log Extraction.
- New Zealand Apprenticeship Log Making and Mechanised Processing.
- New Zealand Apprenticeship Log Making and Production Tree Felling.
- New Zealand Apprenticeship Machine Operations Hauler and Loader.
- New Zealand Apprenticeship Machine Operations Loader and Log Extraction.
- New Zealand Apprenticeship Machine Operations Loader and Mechanised Processing.
- New Zealand Apprenticeship Machine Operations Loader and Mechanised Tree Felling.
- New Zealand Apprenticeship Machine Operations Log Extraction and Mechanised Processing.
- New Zealand Apprenticeship Machine Operations Log Extraction and Mechanised Tree Felling.
- New Zealand Apprenticeship Machine Operations Log Extraction and Production Tree Felling.
- New Zealand Apprenticeship Mechanised Processing and Mechanised Tree Felling.
- New Zealand Apprenticeship Production Tree Felling.
- New Zealand Apprenticeship Advanced Saw Doctor.
- New Zealand Apprenticeship Advanced Sawmilling Operator.
- New Zealand Apprenticeship Advanced Timber Machinist.

In October 2021, it announced the following additional Apprenticeship programmes:

- New Zealand Apprenticeship in Forest Harvesting Operations.

Provider and training information – providers separate to Te Pūkenga

Provider summary



Provider name:	BMINZ	Region:	Nationwide
Type:	Private Training Establishment	Site locations:	Nationwide
NZQA approved provider:	Yes		
EER rating:	Two (2020)		
Primary delivery mode:	Classroom/block course onsite/ online (interactive and self-directed)		

Qualifications and programmes on offer		
Name	Level	Credits
New Zealand Certificate in Manufacturing	2	40
New Zealand Certificate in Solid Wood Manufacturing	2	45-75
New Zealand Certificate in Solid Wood Manufacturing	3	70-85
New Zealand Certificate in Workplace Health and Safety Practice	3	40
New Zealand Certificate in Business (Introduction to Team Leadership)	3	45
New Zealand Certificate in Competitive Systems and Practices	3	40
New Zealand Certificate in Manufacturing	3	40-60
New Zealand Certificate in Solid Wood Manufacturing	4	44-55
New Zealand Certificate in Finger Jointing	4	135
New Zealand Certificate in Timber Machining	4	150
New Zealand Certificate in Business (First Line Management)	4	60
New Zealand Certificate in Competitive Systems and Practices	4	70
New Zealand Certificate in Manufacturing	4	60-80
New Zealand Certificate in Manufacturing	5	65

Note: Qualifications for Competitive Systems and Practices and Manufacturing have been added to this profile as they offer generic, industry transferable skills not directly related to forest industry technical skills. These skills extend across leadership, teamwork, soft skills such as problem solving, workplace organisation etc and may be applied by learners in other industries.

Training summary

Provider name:	BMINZ
Programme name:	Manufacturing Foundation Skills
Qualification name:	New Zealand Certificate in Manufacturing
Level:	Level 2
NZQA approved qualification?	Yes
Which qualification could this lead to:	This qualification leads to the New Zealand Certificate in Manufacturing (Level 3).
Duration:	Six months
Relevant jobs to progress to:	This qualification provides foundation skills for entry level people entering the manufacturing environment across all sectors.
Qualification description (if available, from NZQA site)	This is an entry level qualification designed for people already working in the manufacturing industry or people wishing to enter the manufacturing industry in an entry level role. The purpose of this qualification is to provide the manufacturing sector with people who have foundation skills and knowledge to work safely in entry level operational, or non-operational roles in the manufacturing sector. Graduates will be able to work with supervision.
More information (from provider website):	To give people a confident start in the manufacturing industry, this programme works through key foundation skills and covers: <ul style="list-style-type: none"> • health and safety knowledge and responsibilities. • procedural compliance. • quality and its role in making sure products meet requirements. <p>This Level 2 qualification supports a manufacturing workforce that understands why it's important for each person to do their job well. By training safe manufacturing practices to your floor level staff, you assist in creating a compliant workforce.</p>
Credit value:	40
Delivery mode:	Can be delivered on site via classroom sessions and on job assessment
Entry requirements:	Aged 16 years or older Be a Citizen or Resident of Australia or New Zealand.

Core competencies:



Training summary

Provider name:	BMINZ
Qualification name:	New Zealand Certificate in Solid Wood Manufacturing
Level:	Level 2
Strands:	Finger Jointing; Laminating; Pole, Post and Pile; Sawmilling; Timber Drying and Treatment; Timber Grading; Timber Machining; and Wood Pallet Manufacturing
NZQA approved qualification?	Yes
Which qualification could this lead to:	This qualification can lead to the New Zealand Certificate in Solid Wood Manufacturing (Level 3) with strands in Finger Jointing; Pole, Post and Pile; Saw Doctoring; Sawmilling; Timber Drying; Timber Grading and Optimising; Timber Machining and Timber Treatment.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge within a solid wood manufacturing environment to work in entry-level roles which include finger jointing plant operator, glue line operator, glue press operator, roundwood plant operator, saw centre operator, timber treatment plant operator, kiln operator, manual timber grader, planer operator, wood pallet assembler.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the solid wood manufacturing industry with people who have introductory skills and knowledge relevant to work in entry-level roles under close supervision within this industry. Each strand represents a process undertaken in solid wood manufacturing. Graduates will be able to work safely in entry-level operational roles in one of these processes.
Credit value:	45 - 75
Target audience:	On-job learners
Delivery mode:	On-job

Core competencies:



Training summary

Provider name:	BMINZ
Qualification name:	New Zealand Certificate in Solid Wood Manufacturing
Level:	Level 3
Strands:	Finger Jointing; Pole, Post and Pile; Saw Doctoring; Sawmilling; Timber Drying; Timber Grading and Optimising; Timber Machining; and Timber Treatment
NZQA approved qualification?	Yes
Which qualification could this lead to:	This qualification can lead to the New Zealand Certificate in Solid Wood Manufacturing (Level 4) with strands in Laminating, Timber Drying, Timber Grading, and Timber Treatment.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge within a solid wood manufacturing environment to work in operational roles which include finger jointing plant operator, roundwood plant operator, saw centre operator, timber treatment plant operator, kiln operator, timber grader, quality controller, planer operator.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the solid wood manufacturing industry with people who have the skills and knowledge required to work as an operator under general supervision in a solid wood manufacturing operation. Each strand represents a process undertaken in solid wood manufacturing. Graduates will be able to operate plant and equipment used in solid wood manufacturing safely and efficiently in one of these processes.
Credit value:	70 - 85
Target audience:	On-job learners, individual coaching where required (email, phone support)
Delivery mode:	On-job, distance

Core competencies:



Training summary

Provider name:	BMINZ
Programme name:	Workplace Health and Safety
Qualification name:	New Zealand Certificate in Workplace Health and Safety Practice
Level:	Level 3
NZQA approved qualification?	Yes
Which qualification could this lead to:	This qualification leads to the New Zealand Certificate in Workplace Health and Safety Practice (Level 4).
Duration:	Three to six months
Relevant jobs to progress to:	This qualification can serve as an entry point into a career specific to workplace health and safety and may also provide an entry point into other occupations or sectors.
Qualification description (if available, from NZQA site)	<p>The purpose of this qualification is to provide New Zealand workplaces with people who have the foundation health and safety skills, knowledge, and attributes to participate in workplace health and safety.</p> <p>Graduates will have general skills and knowledge of the health and safety requirements and responsibilities and how these are associated with a workplace.</p> <p>Graduates will be able to apply these skills under limited supervision.</p> <p>This qualification is intended for people who are intending to work or working within a New Zealand workplace.</p>
More information (from provider website):	This programme is aimed at people who are current or emerging health and safety champions/leaders and covers the roles and responsibilities of Health & Safety Representatives. Learners develop their health and safety skills through solid foundation knowledge of good health and safety work practices, while identifying opportunities for safety improvement.
Credit value:	40
Delivery mode:	Can be delivered on BMINZ premises or on site via a block course, interactive on-line in development
Entry requirements:	Aged 16 years or older, be a Citizen or Resident of Australia or New Zealand

Core competencies:



Training summary

Provider name:	BMINZ
Programme name:	Build Strong Leaders
Qualification name:	New Zealand Certificate in Business (Introduction to Team Leadership)
Level:	Level 3
NZQA approved qualification?	Yes
Which qualifications could this lead to:	<ul style="list-style-type: none"> • New Zealand Certificate in Business (Small Business) (Level 4). • New Zealand Certificate in Business (First Line Management) (Level 4). • New Zealand Certificate in Business (Administration and Technology) (Level 4), or any relevant industry qualification at Level 4.
Duration:	Six months
Relevant jobs to progress to:	Graduates of this qualification may be employed in a leadership role or identified as a potential leader within a team in a variety of employment, cultural, or community settings.
Specific qualification location:	Nationwide
Qualification description (if available, from NZQA site)	This qualification is intended for people working towards or wanting to become a leader in a team within an entity. The qualification will provide Aotearoa New Zealand with people who have the skills and knowledge to contribute to effective team performance and to be effective in a leadership role within a team. Graduates of this qualification will benefit Aotearoa New Zealand by contributing effectively to team objectives and by developing their team leadership skills. They will be able to contribute effectively to an operational team, in accordance with ngā kaupapa o te Tiriti o Waitangi (the principles of the Treaty of Waitangi), and in a multicultural environment.
More information (from provider website):	<p>This programme will develop leadership skills for talent succession and increase productivity in the workplace. Participants will:</p> <ul style="list-style-type: none"> • Explore personal DiSC personality and behavioural traits and set goals to be a more effective communicator and leader. • Deliver an Improvement project to the business. • Using concepts learnt in the programme participants will need to collaborate and influence key stakeholders, research and set objectives, implement their improvement, and present results.
Credit value:	45
Delivery mode:	Can be delivered on BMINZ premises or on site via a block course or public block course. Also available on-line with self-directed learning
Entry requirements:	Be leading a team or potential to lead a team. Be aged over 16 years old. Be a Citizen or Resident of Australia or New Zealand.

Core competencies:



Training summary

Provider name:	BMINZ
Programme name:	Continuous Improvement for Teams
Qualification name:	New Zealand Certificate in Competitive Systems and Practices
Level:	Level 3
NZQA approved qualification?	Yes
Which qualifications could this lead to:	This qualification leads to the New Zealand Certificate in Competitive Systems and Practices (Level 4).
Duration:	Six months
Relevant jobs to progress to:	This qualification provides the foundation skills for continuous improvement concepts and culture in the workplace and may be applied into a wide range of occupations and/or sectors.
Qualification description (if available, from NZQA site)	<p>The purpose of this qualification is to provide New Zealand business entities that are implementing a competitive systems and practices strategy, with people who have the skills and knowledge to identify, implement and sustain process improvements in their own work, under limited supervision.</p> <p>This qualification is designed for production or service staff who will be contributing to the implementation of competitive systems and practices within their organisation.</p> <p>The term 'competitive systems and practices' describes a large range of systems and practice concepts and approaches leading to improved performance in organisations. It uses a systematic approach to produce high quality goods and/or services, for the least cost with the least waste, across multiple sectors</p>
More information (from provider website):	On completion of this course, front line staff will be able to put in place Continuous Improvement principles leading to improved performance for the business course participants will be introduced to value add versus waste, 5S principles, quick change, standardisation, mistake proofing, problem solving and root cause analysis, process mapping and the cost of quality.
Credit value:	40
Delivery mode:	Can be delivered on BMINZ premises or on site via classroom sessions, some content is online and interactive online is in development
Entry requirements:	Aged 16 years or older, be a Citizen or Resident of Australia or New Zealand.

Core competencies:



Training summary

Provider name:	BMINZ
Programme name:	Manufacturing for Teams
Qualification name:	New Zealand Certificate in Manufacturing
Level:	Level 3
NZQA approved qualification?	Yes
Which qualifications could this lead to:	This qualification leads to the New Zealand Certificate in Manufacturing (Level 4).
Duration:	Six months
Relevant jobs to progress to:	This qualification provides mid-level skills for all people working in a manufacturing environment with concepts able to be applied in a variety of roles across all manufacturing sectors
Qualification description (if available, from NZQA site)	<p>The purpose of this qualification is to provide the manufacturing sector with people who have the knowledge and skills to work as an operator in a manufacturing plant. This qualification is designed for people already working in a manufacturing sector. Graduates will be able to work safely under limited supervision. The optional Productivity Improvement strand provides recognition of further skills and knowledge in the specialised area of productivity improvement.</p> <p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> • Contribute to a safe working environment. • Map inter-dependencies between processes in a manufacturing operation. • Maintain and control a manufacturing process to ensure product quality. • Carry out operational tasks within a manufacturing process to meet organisational requirements. <p>Graduates of the Productivity Improvement strand will also be able to:</p> <ul style="list-style-type: none"> • Work within a productivity improvement plan to provide value for customers.
More information (from provider website):	<p>Teamwork is crucial for developing and maintaining highly productive teams. Providing opportunities for people to work together to implement and improve workplace environments encourages collaboration, cooperation and engagement. This programme supports businesses by:</p> <ul style="list-style-type: none"> • training people to understand health and safety risk assessment in their role. • reducing waste along your supply chain. • capitalising on opportunities through improved problem solving and decision-making solutions creating an improvement mindset and culture. • using 5S to improve the work environment. • building competency in processes and operating machinery.
Credit value:	40 - 60
Delivery mode:	Can be delivered on site via classroom sessions and on job assessment, some online self-directed learning available
Entry requirements:	Aged 16 years or older, be a Citizen or Resident of Australia or New Zealand.

Core competencies:



Training summary

Provider name:	BMINZ
Qualification name:	New Zealand Certificate in Solid Wood Manufacturing
Level:	Level 4
Strands:	Laminating, Timber Drying, Timber Grading, and Timber Treatment
NZQA approved qualification?	Yes
Which qualification could this lead to:	This qualification can lead to the New Zealand Certificate in Manufacturing (Level 5).
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in advanced finger jointing, laminating, sawmilling, timber drying, timber grading, and timber treatment roles in a solid wood manufacturing environment.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the solid wood manufacturing industry with people who have the skills and knowledge required to work as advanced operators without supervision in a solid wood manufacturing operation. Each strand represents a process undertaken in solid wood manufacturing.
Credit value:	45 - 55
Target audience:	On-job learners, individual coaching where required (email, phone support)
Delivery mode:	On-job, distance

Core competencies:



Training summary

Provider name:	BMINZ
Qualification name:	New Zealand Certificate in Finger Jointing
Level:	Level 4
NZQA approved qualification?	Yes
Which qualification could this lead to:	This qualification builds on the Finger Jointing Strand of the New Zealand Certificate in Solid Wood Manufacturing (Level 3) with strands in Finger Jointing; Pole, Post and Pile; Saw Doctoring; Sawmilling; Timber Drying; Timber Grading and Optimising; Timber Machining and Timber Treatment. This qualification can lead to the New Zealand Certificate in Manufacturing (Level 5).
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in advanced finger jointing operational roles in solid wood manufacturing.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This purpose of this qualification is to provide the solid wood manufacturing industry with people who have the advanced technical skills and knowledge required to operate, without supervision, as trade-level finger jointer operators. Graduates will be able to operate and maintain plant and equipment safely and efficiently and will be able to troubleshoot and make decisions to maintain productivity.
Credit value:	135
Target audience:	On-job learners, individual coaching where required (email, phone support)
Delivery mode:	On-job, distance

Core competencies:



Training summary

Provider name:	BMINZ
Qualification name:	New Zealand Certificate in Timber Machining
Level:	Level 4
NZQA approved qualification?	Yes
Which qualification could this lead to:	This qualification can lead to the New Zealand Certificate in Manufacturing (Level 5).
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in advanced timber machining operational roles which include timber machinist, production scheduler, line supervisor in solid wood manufacturing.
Specific qualification location:	On-job, nationwide
Qualification description (if available, from NZQA site)	This contributes to the range of New Zealand Apprenticeships on offer by WBL/Competenz. The purpose of this qualification is to provide the solid wood manufacturing industry with people who have the advanced technical skills and knowledge to operate, without supervision, as trade-level timber machinists. Graduates will be able to operate and maintain plant and equipment safely and efficiently and will be able to troubleshoot and make decisions to maintain productivity.
Credit value:	150
Target audience:	On-job learners, individual coaching where required (email, phone support)
Delivery mode:	On-job, distance

Core competencies:



Training summary

Provider name:	BMINZ
Programme name:	First Line Management
Qualification name:	New Zealand Certificate in Business (First Line Management)
Level:	Level 4
NZQA approved qualification?	Yes
Which qualifications could this lead to:	New Zealand Diploma in Business (Level 5) with strands in Accounting, Administration and Technology, Human Resource Management, Leadership and Management, Marketing and Sales, and Project Management. New Zealand Diploma in Business (Level 6) with strands in Accounting, Administration and Technology, Human Resource Management, Leadership and Management, Māori Business and Management, Marketing and Sales, and Real Estate, or other relevant industry qualifications at a higher level.
Duration:	Six months
Relevant jobs to progress to:	Graduates of this qualification may be employed in management roles such as a first line manager in a variety of business, cultural, or community contexts.
Specific qualification location:	Nationwide
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide Aotearoa New Zealand with people who can lead effective teams and manage workflows to achieve team and/or entity objectives, when employed in first line management roles. Graduates of this qualification will be able to lead teams and manage workflows in an effective and ethical manner, in accordance with ngā kaupapa o te Tiriti o Waitangi (the principles of the Treaty of Waitangi), and in a multicultural environment.
More information (from provider website):	The New Zealand Certificate in Business (First Line Management) (Level 4) BMINZ Programme bases the course around a company improvement project that a supervisor/leader can put in place in their team. This means that at the end of the programme our participants have improved in some tangible way how a business operates.
Credit value:	60
Delivery mode:	Can be delivered on BMINZ premises or on site via a block course or public block course. Also available on-line with self-directed learning.
Entry requirements:	Be leading a team or able to lead a team. Be aged over 16 years old. Be a Citizen or Resident of Australia or New Zealand.

Core competencies:



Training summary

Provider name:	BMINZ
Programme name:	Continuous Improvement for Leaders
Qualification name:	New Zealand Certificate in Competitive Systems and Practices
Level:	Level 4
NZQA approved qualification?	Yes
Which qualifications could this lead to:	This qualification leads to the New Zealand Certificate (or Diploma) in Competitive Systems and Practices (Level 5).
Duration:	9 to 12 months
Relevant jobs to progress to:	This qualification provides advanced skills for implementing and managing continuous improvement systems and culture in the workplace and may be applied into a wide range of occupations and/or sectors.
Qualification description (if available, from NZQA site)	<p>The purpose of this qualification is to provide New Zealand business entities implementing a competitive systems and practices strategy with people who have the skills and knowledge to lead activities and facilitate the associated change in culture.</p> <p>This qualification is designed for team leaders who will be taking a lead role in the implementation of competitive systems and practices within their organisation.</p> <p>The term 'competitive systems and practices' describes a large range of systems and practice concepts and approaches leading to improved performance in organisations. It uses a systematic approach to produce high quality goods and/or services, for the least cost with the least waste, across multiple sectors.</p>
More information (from provider website):	<p>After completing this course, team leaders will be able to lead activities and support the change in culture that occurs when a workplace implements Continuous Improvement strategies. Over this programme, participants will learn how to:</p> <ul style="list-style-type: none"> • lead an effective and engaged Continuous Improvement team. • run a productive toolbox meeting. • lead improvements in waste reduction and process mapping. • lead 5S implementation. • lead a standardisation process. • lead problem solving and root cause analysis. • monitor and manage quality.
Credit value:	70
Delivery mode:	Can be delivered on BMINZ premises or on site via classroom sessions, interactive online is in development
Entry requirements:	Aged 16 years or older, be a Citizen or Resident of Australia or New Zealand.

Core competencies:



Training summary

Provider name:	BMINZ
Programme name:	Manufacturing Advanced Skills
Qualification name:	New Zealand Certificate in Manufacturing
Level:	Level 4
NZQA approved qualification?	Yes
Which qualifications could this lead to:	This qualification leads to the New Zealand Certificate in Manufacturing (Level 5).
Duration:	Six months
Relevant jobs to progress to:	This qualification is suited to senior or skilled operators responsible for the care and performance of specific machinery and equipment and who will contribute or have the potential to contribute to organising others in the workplace.
Qualification description (if available, from NZQA site)	<p>The purpose of this qualification is to provide the manufacturing sector with skilled operational people capable of setting up, troubleshooting, and coordinating one or more stages of a manufacturing process, to meet production and customer requirements. Graduates will be able to work independently. The Technical Support optional strand provides recognition of further skill development in the technical support of manufacturing operations Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> ● Identify, diagnose and rectify operational issues in a manufacturing environment. ● Work collaboratively to develop solutions to manufacturing operational problems. ● Coordinate one or more stages of a manufacturing operation meeting daily production, safety and quality requirements. <p>Graduates of the Technical Support strand will also be able to:</p> <ul style="list-style-type: none"> ● Use technical knowledge to complete tasks to support manufacturing operation
More information (from provider website):	Building on the groundwork covered in the Level 3 qualification, the Level 4 programme provides supervisors and key people in an operation with the knowledge to set up, troubleshoot, coordinate, and maintain efficiency within the stages of the manufacturing process.
Credit value:	60 - 80
Delivery mode:	Can be delivered on site via classroom sessions and on job assessment, one-on-one coaching
Entry requirements:	Aged 16 years or older, be a Citizen or Resident of Australia or New Zealand

Core competencies:



Provider summary



Provider name:	The Learning Wave	Region:	Nationwide
Type:	Private Training Establishment	Site locations:	Nationwide
NZQA approved provider:	Yes		
EER rating and date:	Two (2018)		
Primary delivery mode:	Classroom		

Qualifications and programmes on offer		
Name	Level	Credits
New Zealand Certificate in Workplace Health and Safety Practice	3	40
New Zealand Certificate in Business (Introduction to Team Leadership)	3	45
New Zealand Certificate in Business (First Line Management)	4	60
Safetree Leaders	N/A	N/A
Safetree Team Up	N/A	N/A
Digital Skills for Manufacturing*	3	5
Negotiation Skills	N/A	N/A

*delivered through the accreditation of Competenz/WBL

Training summary

Provider name:	The Learning Wave
Programme name:	Workplace Health and Safety
Qualification name:	New Zealand Certificate in Workplace Health and Safety Practice
Level:	Level 3
NZQA approved qualification?	Yes
Which qualification could this lead to:	This qualification leads to the New Zealand Certificate in Workplace Health and Safety Practice (Level 4).
Relevant jobs to progress to:	This qualification can serve as an entry point into a career specific to workplace health and safety and may also provide an entry point into other occupations or sectors.
Qualification description (if available, from NZQA site)	<p>The purpose of this qualification is to provide New Zealand workplaces with people who have the foundation health and safety skills, knowledge, and attributes to participate in workplace health and safety.</p> <p>Graduates will have general skills and knowledge of the health and safety requirements and responsibilities and how these are associated with a workplace.</p> <p>Graduates will be able to apply these skills under limited supervision.</p> <p>This qualification is intended for people who are intending to work or working within a New Zealand workplace.</p>
More information (from provider website):	This qualification provides the foundation health and safety skills. Graduates will have enhanced knowledge of the health and safety requirements and responsibilities at their workplace and will be able to contribute effectively to the wider community.
Credit value:	40

Core competencies:



Training summary

Provider name:	The Learning Wave
Programme name:	Grow Team
Qualification name:	New Zealand Certificate in Business (Introduction to Team Leadership)
Level:	Level 3
NZQA approved qualification?	Yes
Which qualifications could this lead to:	<p>Graduates of this qualification may progress to:</p> <ul style="list-style-type: none"> • New Zealand Certificate in Business (Small Business) (Level 4). • New Zealand Certificate in Business (First Line Management) (Level 4). • New Zealand Certificate in Business (Administration and Technology) (Level 4), or any relevant industry qualification at level 4.
Relevant jobs to progress to:	Graduates of this qualification may be employed in a leadership role within a team in a variety of employment, cultural, or community settings.
Qualification description (if available, from NZQA site)	This qualification is intended for people working towards or wanting to become a leader in a team within an entity. The qualification will provide Aotearoa New Zealand with people who have the skills and knowledge to contribute to effective team performance and to be effective in a leadership role within a team. Graduates of this qualification will benefit Aotearoa New Zealand by contributing effectively to team objectives and by developing their team leadership skills. They will be able to contribute effectively to an operational team, in accordance with ngā kaupapa o te Tiriti o Waitangi (the principles of the Treaty of Waitangi), and in a multicultural environment.
Credit value:	45

Core competencies:



Training summary

Provider name:	The Learning Wave
Programme name:	Grow Culture
Qualification name:	New Zealand Certificate in Business (First Line Management)
Level:	Level 4
NZQA approved qualification?	Yes
Which qualifications could this lead to:	<p>Graduates of this qualification may progress to:</p> <ul style="list-style-type: none"> • New Zealand Diploma in Business (Level 5) with strands in Accounting, Administration and Technology, Human Resource Management, Leadership and Management, Marketing and Sales, and Project Management. • New Zealand Diploma in Business (Level 6) with strands in Accounting, Administration and Technology, Human Resource Management, Leadership and Management, Māori Business and Management, Marketing and Sales, and Real Estate. • Other relevant industry qualifications at a higher level.
Relevant jobs to progress to:	Graduates of this qualification may be employed in management roles such as a first line manager in a variety of business, cultural, or community contexts.
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide Aotearoa New Zealand with people who can lead effective teams and manage workflows to achieve team and/or entity objectives, when employed in first line management roles. Graduates of this qualification will be able to lead teams and manage workflows in an effective and ethical manner, in accordance with ngā kaupapa o te Tiriti o Waitangi (the principles of the Treaty of Waitangi), and in a multicultural environment.
Credit value:	60

Core competencies:



Training summary

Provider name:	The Learning Wave
Programme name:	Safetree - Leaders
NZQA approved qualification?	No
Fees:	User-pays
Duration:	Two days
More information (from provider website):	<p>The true test of our leadership is: What happens when no one is watching? What do people choose to do when they are left to make their own decisions? These two days will provide front line leaders with the skills to set the tone as a leader and will help create a safer and more productive worksite.</p> <p>The workshop will help leaders to develop the skills to:</p> <ul style="list-style-type: none"> • How to lead a high-performance team – focused on key results (incl. Safety). • How to effectively communicate to people who are different from themselves. • How to get workers involved in solving problems and making good safety decisions. • How to hold people accountable without bullying. • Focusing their teams on learning from things going right... not just waiting for things to go wrong.
Target audience:	Forestry supervisors and foremen
Delivery mode:	Classroom

Core competencies:



Training summary

Provider name:	The Learning Wave
Programme name:	Safetree – Team Up
Fees:	User-pays
Duration:	One day
More information (from provider website):	<p>The Team Up programme helps crews work smarter, be better at their jobs and keep themselves and their mates safe on the job.</p> <p>The workshop will help teams to develop the skills to:</p> <ul style="list-style-type: none"> • Improve their communication. • Create team goals and solid plans to achieve goals. • Get better results through making better decisions. • Solve problems as a team – use the strength of many brains. • Grow their abilities and career potential.
Target audience:	Individual crew members are welcome; however, it is recommended whole crews attend the programme together for a company to receive the full benefit of the training.
Delivery mode:	Classroom

Core competencies:



Training summary

Provider name:	The Learning Wave
Programme name:	Negotiation Skills
NZQA approved qualification?	No
Fees:	User-pays
Duration:	Two days
More information (from provider website):	<p>In conjunction with FICA, this one-day programme is designed as a practical workshop which enables contractors and forest managers to build their confidence when negotiating. The programme covers negotiating with a range of people and stakeholders by understanding and applying the fundamental principles involved in good and fair negotiations.</p> <p>The workshop will help individuals develop the skills to:</p> <ul style="list-style-type: none"> • Understand and apply the principles of negotiation to any situation. • Understand what is involved in each phase of the negotiation process. • Prepare for different situations including “on the spot” negotiations. • Identify their own limits, most favourable position and best alternative to a negotiated agreement and for those of the other party. • Confidently use communication skills in negotiation situations.
Target audience:	Contractors and forest managers
Delivery mode:	Classroom

Core competencies:



Training summary

Provider name:	The Learning Wave
Programme name:	Digital Skills for Manufacturing
Qualification name:	Microcredential
Level:	Level 3
NZQA approved qualification?	Yes, an approved microcredential of 5 credits at Level 3
Duration:	9 x 3-hour sessions
More information (from provider website):	<p>This programme has been designed for the New Zealand manufacturing sector to take our people on a learning journey to develop new skills and confidence to engage with these changes.</p> <p>This micro-credential recognises the skills and knowledge required to confidently use digital technology in a manufacturing workplace. It will enable learners to develop skills required for the future of work.</p> <p>Graduates of this micro-credential will be able to:</p> <ul style="list-style-type: none"> • Describe and use digital processes and complete digital tasks. • Describe digital security. • Describe and use production or safety data. <p>Over 9 x 3hrs sessions Learners will develop skills in:</p> <ul style="list-style-type: none"> • Moving into a digital environment. • Engaging and interacting with technology. • The importance of data and how technology can raise accuracy and productivity. • The importance of current and future digital skills specific to you and your company. • Core digital skills for working in manufacturing. • Digital collaboration tools. • Installing and exploring work-specific apps and programmes on multiple devices. • Understanding and interpreting data types to depict job progress and performance in a supply chain.
Delivery mode:	Classroom
Notes:	While this has been developed for the manufacturing sector, The Learning Wave have demonstrated a willingness to contextualise this to a forestry environment if required.

Core competencies:



Training summary

Provider name:	The Learning Wave
Programme name:	Workplace Literacy and Numeracy – Employer Led
More information (from provider website):	<p>The Learning Wave works within individual employers with eligible learners to deliver contextual Workplace Literacy and Numeracy – Employer Led training.</p> <p>This training is designed to help employees improve core literacy skills, while also focussing on ways they can perform better in their roles at work, thus achieving both business and personal outcomes concurrently.</p> <p>This training helps learners to develop vital skills and knowledge across literacy, numeracy, digital and communication.</p>
Funded by Government:	Funded by TEC through Employer Literacy and Numeracy – Employer Led fund

Core competencies:



Provider summary



Provider name:	Mike Hurring Training School	Region:	Otago, Southland
Type:	Private Training Establishment	Site locations:	Otago, Southland
Primary delivery mode:	Mixed		

Qualifications and programmes on offer

Name	Level	Credits
Basic Machine Operator Certificate	Level 3	N/A

Training summary

Provider name:	Mike Hurring Training School
Qualification name:	Basic Machine Operator Certificate L3
Level:	Level 3
Which qualifications could this lead to:	Level 3 Manual Processing and Level 4 Log Loading and Ground Based Extraction
Duration:	Five one-week block courses spread over a year
Specific qualification location:	Otago / Southland
More information (from provider website):	Trial programme where learners are enrolled in an apprenticeship at their employers, supported by Competenz, and are able to undertake block cases in heavy machinery use for forestry with Mike Hurring Training School.
Funded by Government:	Yes - One Billion Trees Fund through Te Uru Rākau - New Zealand Forest Service (2020-2021)
Target audience:	Apprentices
Delivery mode:	Block courses mixed with on-job training

Core competencies:



Provider summary



Provider name:	The Ngati Maniapoto Marae Pact Trust (Incorporated)	Region:	Central North Island
Type:	Private Training Establishment	Site locations:	Taumarunui Te Kuiti
NZQA approved provider:	Yes		
EER rating and date:	One (2021)		
Primary delivery mode:	Mixed		

Qualifications and programmes on offer		
Name	Level	Credits
New Zealand Certificate in Forest Industry Foundation Skills	Level 2	45

Educational Performance Information – 2020*			
Course completion rate:	72%	Qualification completion rate:	60%

*Less than 30 learners participated in forestry education and training at this provider in 2020.

Training summary

Provider name:	The Ngati Maniapoto Marae Pact Trust (Incorporated)
Qualification name:	New Zealand Certificate in Forest Industry Foundation Skills
Level:	Level 2
NZQA approved qualification?	Yes
Fees:	Fees free
Which qualifications could this lead to:	New Zealand Certificate in Forestry Operations (Level 3) with strands in Basic Machine Operations, Mensuration, Production Thinning, Planting, Pruning, and Thin to Waste or New Zealand Certificate in Forest Harvesting Operations (Level 3) with strands in Basic Machine Operation, Breaking Out - Cable, Landing Operations, and Tree Felling.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in entry-level roles as planters, pruners, breaker-outs or manual processors in a forestry operation.
Specific qualification location:	Taumarunui Te Kuiti
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have skills and knowledge relevant to entry level roles in a forestry operation. Graduates will have a basic understanding of the industry and the risks involved in the industry. They will be able to work under close supervision to meet quality requirements of an operation while maintaining their own safety.
More information (from provider website):	This programme is designed for new entrants into the forest (silviculture) industry at a starting level for forestry workers and Learner forestry. Foundation Skills as well as being prepared for employment. All training is done in field conditions with the tutor who is a Registered Assessor. Work experience opportunities with contractors add to the value of the programme.
Credit value:	45
Funded by Government:	Eligible for funding through TEC, likely through YG funding or SAC Levels 1 and 2 funding.
Target audience:	Young people not in education, employment or training or those with no former formal training
Entry requirements:	None

Core competencies:



Provider summary



Provider name:	Risk Management Group	Region:	Nationwide
Type:	Private Training Establishment	Site locations:	Nationwide
NZQA approved provider:	Yes		
EER rating and date:	One (2019)		
Primary delivery mode:	Classroom		

Qualifications and programmes on offer		
Name	Level	Credits
New Zealand Certificate in Workplace Health and Safety Practice	Level 3	40
New Zealand Certificate in Workplace Health and Safety Practice	Level 4	60

Training summary

Provider name:	Risk Management Group
Programme name:	Workplace Health and Safety
Qualification name:	New Zealand Certificate in Workplace Health and Safety Practice
Level:	Level 3
NZQA approved qualification?	Yes
Which qualifications could this lead to:	This programme leads into the NZ Certificate in Workplace Health & Safety Practice (Level 4) and /or the NZ Certificate in Business (Introduction to Team Leadership) (Level 3) / (First Line Management) (Level 4).
Relevant jobs to progress to:	Health & Safety Representatives, Health & Safety Advisor
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide New Zealand workplaces with people who have the foundation health and safety skills, knowledge, and attributes to participate in workplace health and safety. Graduates will have general skills and knowledge of the health and safety requirements and responsibilities and how these are associated with a workplace. Graduates will be able to apply these skills under limited supervision. This qualification is intended for people who are intending to work, or working within a New Zealand workplace.
More information (from provider website):	The purpose of this qualification is to provide New Zealand workplaces with people who have the foundation health and safety skills and knowledge to meet workplace health and safety requirements and responsibilities associated with their place of employment and will be able to contribute effectively to the wider community.
Credit value:	40
Target audience:	Those currently working in industry that hold positions as supervisors
Delivery mode:	Classroom
Entry requirements:	All applicants are required to be employed AND: have responsibility for the health and safety of others. OR be a trained Health and Safety Representative (HSR) as defined by WorkSafe under HSWA 2015.

Core competencies:



Training summary

Provider name:	Risk Management Group
Programme name:	Workplace Health and Safety
Qualification name:	New Zealand Certificate in Workplace Health and Safety Practice
Level:	Level 4
NZQA approved qualification?	Yes
Which qualifications could this lead to:	NZ Certificate in Business (Introduction to Team Leadership) (Level 3) / (First Line Management) (Level 4). The qualification is recommended as a minimum requirement for entry to the New Zealand Diploma in Workplace Health and Safety Management (Level 6).
Relevant jobs to progress to:	Health & Safety Advisor, Health & Safety Manager, Supervisory Role
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide New Zealand workplaces with people who have the foundation health and safety skills, knowledge, and attributes to participate in workplace health and safety. Graduates will have general skills and knowledge of the health and safety requirements and responsibilities and how these are associated with a workplace. Graduates will be able to apply these skills under limited supervision. This qualification is intended for people who are intending to work, or working within a New Zealand workplace.
More information (from provider website):	The purpose of this qualification is to provide New Zealand workplaces with people that have the skills and knowledge to promote, monitor and manage health and safety practices and procedures, and a positive health and safety culture in the workplace.
Credit value:	60
Target audience:	Those currently working in industry that hold positions as first line managers, safety supervisors/representatives, co-ordinators or team leaders and are actively involved in the practical management of occupational health and safety.
Delivery mode:	Classroom
Entry requirements:	All applicants must have suitable work/industry experience AND have successfully completed New Zealand Certificate in Workplace Health and Safety Practice (Level 3) OR demonstrate equivalent skills and knowledge.

Core competencies:





Provider summary

Provider name:	Tane Mahuta NZ Ltd	Region:	Eastern Bay of Plenty
Type:	Non-NZQA registered training provider	Site locations:	Eastern Bay of Plenty
NZQA approved provider:	No		
Primary delivery mode:	On-job		

Qualifications and programmes on offer		
Name	Level	Credits
New Zealand Certificate in Forestry Operations	3	50-80
New Zealand Certificate in Forestry Operations	4	175

Training summary

Provider name:	Tane Mahuta NZ Ltd
Programme name:	Learn While you Earn
Qualification name:	New Zealand Certificate in Forestry Operations
Level:	Level 3 and Level 4
NZQA approved qualification?	Yes
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Forest Industry Operations (Planning and Monitoring) (Level 4) with strands in Harvesting, and Silviculture, New Zealand Certificate in Forest Operations (Level 4) with strands in Mechanised Land Preparation, and Mechanised Thinning. This qualification has no further direct educational pathways at a higher level, however graduates may pathway onto the following qualification at the same level: - New Zealand Certificate in Forest Harvesting Operations (Level 3) with strands in Basic Machine Operation, Breaking Out - Cable, Landing Operations, and Tree Felling.
Relevant jobs to progress to:	Graduates of this qualification will have the skills and knowledge to work in a forestry operations crew carrying out work in the establishment, silviculture, or mensuration sectors of the industry. Roles may include: planter, pruner, tree thinner, tree measurer.
Specific qualification location:	Eastern Bay of Plenty
Qualification descriptions (if available, from NZQA site)	Level 3 qualification: The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to be employed in a production role in a forestry operation. Graduates will be able to work under limited supervision to meet quality requirements of a job prescription. Level 4 qualification: The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to be employed in a production role in a harvesting operation. They will be able to contribute to the planning of a harvesting operation and make decisions in their area of specialisation. Graduates will be able to operate a range of heavy equipment safely and efficiently without supervision and maintain plant equipment while retaining productivity within the operation.
More information (from provider website):	Tauira (cadets) can learn and earn as they work on their own whenua. Tauira experience kinesthetic on-the-job training as well as theory in-class assessments and some on-line learning while they are earning.
Credit value:	50 - 80 for Level 3, 175 for Level 4
Funded by Government:	Self-funded by the employer
Target audience:	Young Māori
Delivery mode:	Mixed
Other comments:	Human-centred pastoral care services, and the programme also includes entry for those facing drug issues, incorporating a drug rehabilitation programme.

Core competencies:



Provider summary



Provider name:	Te Wānanga o Aotearoa	Region:	Rotorua
Type:	Wānanga	Site locations:	Rotorua
NZQA approved provider:	Yes		
EER rating and date:	3 (2018)		
Primary delivery mode:	Face to face and blended		

Qualifications and programmes on offer		
Name	Level	Credits
New Zealand Certificate in Forest Industry Foundation Skills (Establishment and Pruning)	2	66
Thinning to Waste Training Scheme	3	40

Educational Performance Information – 2020			
Course completion rate:	73%	Qualification completion rate:	78%*
Student progression:	10%		

*Less than 30 learners completed a forestry qualification at this provider in 2020.

Training summary

Provider name:	Te Wānanga o Aotearoa
Programme name:	New Zealand Certificate in Forestry Industry Foundation Skills (Level 2) - with strands in Establishment and Pruning
Qualification name:	New Zealand Certificate in Forestry Industry Foundation Skills with strands in Breaking Out, landing operations, Establishment, and Pruning Level 2
Level:	Level 2
Strands:	Focused on the Establishment and Pruning strands.
NZQA approved qualification?	Yes
Fees:	Fees-free
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Forestry Operations (Level 3) with strands in Basic Machine Operations, Mensuration, Production Thinning, Planting, Pruning, and Thin to Waste, New Zealand Certificate in Forest Harvesting Operations (Level 3) with strands in Basic Machine Operation, Breaking Out - Cable, Landing Operations, and Tree Felling.
Duration:	22 weeks full time
Relevant jobs to progress to:	Graduates will be ready to apply for entry-level forestry work undertaking planting or pruning activities in a commercial forestry operation.
Specific qualification location:	Rotorua
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have skills and knowledge relevant to entry level roles in a forestry operation (planting or pruning). Graduates will have a basic understanding of the industry and the risks involved in the industry. They will be able to work under close supervision to meet quality requirements of an operation while maintaining their own safety.
More information (from provider website):	This nationally recognised qualification provides the foundation skills you need to plant and tend forests. You'll learn mainly out in the bush, where you'll get some real experience working with other forestry professionals.
Credit value:	66
Funded by Government:	Eligible for funding through TEC, likely via SAC Levels 1 and 2 or YG
Delivery mode:	Face to face and blended
Entry requirements:	Be at least 16 years of age, be a New Zealand citizen (or citizen of Australia, Tokelau, Niue, Cook Islands) or permanent resident, reside in New Zealand.

Core competencies:



Training summary

Provider name:	Te Wānanga o Aotearoa
Programme name:	Thinning to Waste Training Scheme
Level:	Level 3
NZQA approved qualification?	NZQA Approved Training Scheme
Fees:	Fees-free
Duration:	36 weeks (1 x noho per month over 9 months)
Relevant jobs to progress to:	Thinning to waste
Specific qualification location:	Rotorua - pilot running in 2022
Qualification description (if available, from NZQA site)	The purpose of the Thinning to Waste Training Scheme (Level 3) is to provide industry relevant (and required) targeted training to taurira transitioning, or employers intending to progress their employees, into further forestry employment opportunities, specifically in relation to the acquisition of knowledge, skills, abilities and experiences required of thinning to waste employment.
More information (from provider website):	Please contact Travis.Timoko@twoa.ac.nz for more information on this training scheme.
Credit value:	40
Funded by Government:	Yes
Target audience:	Those in silviculture industry for at least 12 months, requiring skills for thinning to waste
Delivery mode:	Face to face delivery, 1 x noho per month over 9 months, 1 x 2-hour tutorial per week
Entry requirements:	Employed in industry for at least 12 months, employer endorses taurira application, applicants must have: <ul style="list-style-type: none"> ● Critical health and safety prerequisites (for US23411): <ul style="list-style-type: none"> ○ Unit 6916, Demonstrate knowledge of the rules relating to chainsaw use; or demonstrate equivalent knowledge and skills. ○ Unit 17763, Demonstrate knowledge of tree-felling; or demonstrate equivalent knowledge and skills.

Core competencies:



Provider summary



Provider name:	Te Runanga-o-Turanganui-a-Kiwa (trading name Tūranga Ararau)	Region:	Gisborne
Type:	Private Training Establishment	Site locations:	Gisborne city Ruapani Forestry Training Centre Hastings
NZQA approved provider:	Yes		
EER rating and date:	One (2018)		
Primary delivery mode:	Mixed		

Qualifications and programmes on offer		
Name	Level	Credits
National Certificate of Educational Achievement with Primary Vocational Pathways (Forestry)	2	credits towards
National Certificate of Educational Achievement with Primary Vocational Pathways (Forestry)	3	credits towards
New Zealand Certificate in Forest Industry Foundation Skills	2	42-65
New Zealand Certificate in Forestry Harvesting Operations	3	45-57
New Zealand Certificate in Forestry Operations	3	47-77

Educational Performance Information – 2020*			
Course completion rate:	89%	Qualification completion rate:	74%
Student progression:	6%		

*Less than 30 learners participated in forestry at this provider in 2020.

Future Programmes

Tūranga Ararau currently has 2 qualification programmes and 3 micro-credential programmes with NZQA awaiting Programme Approval.

Qualification Programmes:

- Whakatiputanga Ngahere Pae Ono - New Zealand Diploma in Forestry Management Level 6
- New Zealand Certificate in Forest Operation Level 4 - Planning and Monitoring

Micro-credential Programmes:

- Forestry Health and Safety Operations Level 4 (36 credits)
- Forest Silviculture Quality Systems Level (25 credits)
- Forest Harvesting Environment and Landing Operations Management Level 4 (30 credits)

Training summary

Provider name:	Tūranga Ararau
Programme name:	Trades Academy Programme
Qualification name:	Unit Standards toward National Certificate in Educational Achievement with Primary Vocational Pathways (Forestry) - specified unit standards - L2 17769, 6916 L3 22994, 24575
Level:	Level 2
NZQA approved qualification?	Yes
Fees:	Fees free
Duration:	Aligned to the Secondary School Calendar Year
Specific qualification location:	Ruapani Forestry Training Centre
Qualification description (if available, from NZQA site)	The National Certificate in Educational Achievement is the official secondary-school qualification in New Zealand.
More information (from provider website):	This programme is delivered through the Hawkes Bay and Tairāwhiti Schools Trades Academy, coordinated through EIT. Graduates will acquire basic foundation skills needed to progress to higher learning or sustainable employment in the forestry industry. Through this programme learners can complete a range of national certificates aligned to their interests and goals as well as NCEA Level 2 with Primary Industries Vocational Pathways. Daily travel is provided.
Funded by Government:	Eligible for funding through TEC via Trades Academy Funding.
Target audience:	Senior secondary school students
Delivery mode:	Classroom and practical

Core competencies:



Training summary

Provider name:	Tūranga Ararau
Programme name:	Generation Programme or stand-alone qualification programme
Qualification name:	NCEA with Primary Vocational Pathways (Forestry) New Zealand Certificate in Forest Industry Foundation Skills
Level:	Level 2
Strands:	Breaking out, establishment, landing operations, pruning
NZQA approved qualification?	Yes
Fees:	Fees free
Which qualifications could this lead to:	New Zealand Certificate in Forestry Operations (Level 3) with strands in Chemical Handling, Mensuration, Pruning, and Thin to Waste. New Zealand Certificate in Forest Harvesting Operations (Level 3) with strands in Basic Machine Operation, Tree Felling, Breaking Out - Cable, Breaking Out - Ground Based, Manual Processing, Log Scaling, Poleman, Production Thinning, and Quality Control.
Relevant jobs to progress to:	Depending on the strand individuals complete, they may be able to gain employment at an entry level as a breaker out, planter, manual processor or pruner.
Specific qualification location:	Ruapani Forestry Training Centre
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have skills and knowledge relevant to entry level roles in a forestry operation. Graduates will have a basic understanding of the industry and the risks involved in the industry. They will be able to work under close supervision to meet quality requirements of an operation while maintaining their own safety.
More information (from provider website):	This programme is designed to help individuals gain employment in the forestry industry in a range of industry sectors. In successfully completing this programme learners will be awarded the New Zealand Certificate in Forest Foundation Skills Level 2.
Credit value:	80 NCEA with Primary Vocational Pathways (Forestry) 42-65 New Zealand Certificate in Forest Industry Foundation Skills
Funded by Government:	Eligible for funding through TEC, likely SAC Levels 1 and 2 or YG.
Target audience:	Although the course is open to all ages, taiohi Māori are targeted and encouraged to take up the opportunity to extend their skills and knowledge in an industry that is critical to regional and iwi development.
Delivery mode:	Classroom, ensuring that practical tasks are completed in a production/simulated environment
Entry requirements:	To gain admission to Tūranga Ararau students need to be a New Zealand citizen or permanent resident. To gain entry to the programme students will need to have literacy and numeracy skills at step 1 or above on the assessment tool and a commitment to work in the industry.

Core competencies:



Training summary

Provider name:	Tūranga Ararau
Programme name:	Generation Programme or stand-alone qualification programme
Qualification name:	New Zealand Certificate in Forest Harvesting Operations
Level:	Level 3
Strands:	Basic Machine Operation, Tree Felling, Breaking Out-Cable, Breaking Out- Ground Based Manual Processing, Log scaling, Pole-man, Production Thinning, Quality control
NZQA approved qualification?	Yes
Which qualifications does the provider state this can lead to:	New Zealand Certificate in Forest Harvesting Operations Level 4 New Zealand Certificate in Forest Industry Operations (Planning and Monitoring)
Relevant jobs to progress to:	Work as a basic machine operator, tree feller, breaker outer either cable or ground-based, manual processor, log scaler, poleman, production thinner and/or quality controller in a landing operation
Specific qualification location:	Ruapani Forestry Training Centre
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to be employed in a production role in a forestry operation. Graduates will be able to work under limited supervision to meet quality requirements of a job prescription. The qualification includes nine strands which represent distinct activities within forestry operations.
Other information (from provider website)	The programme is designed to provide individuals with the skills and knowledge to achieve an acceptable level of competency to gain employment in the forest industry in the harvesting sector. On completing the full requirements of the programme, learners will achieve the New Zealand Certificate in Forest Harvesting Operations (Level 3) with a selected strand.
Credit value:	45 - 57 dependent on strand
Funded by Government:	Eligible for funding through TEC
Delivery mode:	Mixed
Entry requirements:	To gain entry to the programme students will need to have literacy and numeracy skills at step 4 or above on the assessment tool and a commitment to work in the industry.

Core competencies:



Training summary

Provider name:	Tūranga Ararau
Programme name:	Generation Programme or stand-alone qualification programme
Qualification name:	New Zealand Certificate in Forestry Operations
Level:	Level 3
Strands:	Chemical handling, mensuration, pruning, thinning to waste
NZQA approved qualification?	Yes
Fees:	Fees free
Which qualifications could this lead to:	New Zealand Certificate in Forest Operations Level 4 New Zealand Certificate in Forest Industry Operations (Planning and Monitoring) (Level 4)
Relevant jobs to progress to:	Depending on the strand you complete you will be able to gain employment working in chemical handling, mensuration, pruning and/or thinning to waste sectors of the forestry industry.
Specific qualification location:	Ruapani Forestry Training Centre
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the forest industry with individuals who have the skills and knowledge required to be employed in a production role in a forestry operation. Graduates will be able to work under limited supervision to meet quality requirements of a job prescription. The qualification includes four strands which represent distinct activities within forestry operations.
Credit value:	47 - 77
Funded by Government:	Eligible for funding through TEC
Delivery mode:	Mixed mode - classroom and on the job learning.
Entry requirements:	To gain entry to the programme students will need to have literacy and numeracy skills at step 4 or above on the assessment tool and a commitment to work in the industry.

Core competencies:



Training summary

Provider name:	Tūranga Ararau
Programme name:	Generation Programme (in collaboration with the Eastland Wood Council)
Qualification name:	NCEA with Primary Vocational Pathways (Forestry) New Zealand Certificate in Forest Industry Foundation Skills New Zealand Certificate in Forestry Operations New Zealand Certificate in Forestry Harvesting Operations
Level:	2-3
Strands:	Level 2- Breaking out, establishment, landing operations, pruning Level 3- Chemical handling, mensuration, pruning, thinning to waste, basic Machine Operation, Tree Felling, Breaking Out-Cable, Breaking Out- Ground Based Manual Processing, Log scaling, Pole-man, Production Thinning, Quality control
NZQA approved qualification?	Yes
Fees:	Fees free
Which qualifications could this lead to:	New Zealand Certificate in Forest Operations Level 4 New Zealand Certificate in Forest Industry Operations (Planning and Monitoring) (Level 4)
Duration:	Initial 6-10 weeks "Boot Camp" then placement within a forestry crew. Onsite training and assessment is provided during placement. Trainees are monitored for a period of 2 years following placement with a forestry crew.
Relevant jobs to progress to:	Depending on the strand individuals complete, they will be able to gain employment working in forest silviculture or forest harvesting operations.
Specific qualification location:	Ruapani Forestry Training Centre
Qualification description (if available, from NZQA site)	The purpose of these qualifications is to provide the forest industry with individuals who have the skills and knowledge required to be employed in a production role in a forestry operation. Graduates will be able to work under limited supervision to meet quality requirements of a job prescription. The qualifications include 13 strands which represent distinct activities within forestry silviculture and forest harvesting operations.
More information (from provider website):	A 'real world' learning experience combining industry training and employment. It provides an introduction to a range of employment opportunities. The six week Base Camp gets the trainees 'work ready', with site visits and work placements across all sectors – from silviculture, harvesting, logistics, port operations and wood processing, fitness training, nutrition, and Waratah simulator training. The programme involves supported learning and pastoral care - an individualised two year training and career pathway. This is a 'earn while you learn' qualification including paid employment, supported learning - pastoral care and regular reviews.
Credit value:	42 - 80 dependent on the qualification
Funded by Government:	Eligible for funding through TEC
Delivery mode:	Mixed mode - classroom and on the job learning
Entry requirements:	To gain entry to the programme students will need to have literacy and numeracy skills at step 4 or above on the assessment tool and a commitment to work in the industry.
Other comments:	<i>The Generation Programme:</i>

An intensive programme to prepare trainees to enter the forestry industry. The Generation Programme is aligned to qualifications that provide an introduction to the requirements of gaining employment in the forestry industry.

The ‘boot camp’ is centred on preparing the trainees for the forestry industry. The methods used included:

- Daily picks for students begin at 5am.
- Physical fitness training begins at 5:30am to 7:30am- sessions can include running, physical testing, gym work, swimming.
- Breakfast and lunch is provided to demonstrate the type of food that should be eaten when working in the forestry industry.
- Drug and alcohol education and regular testing (announced and unannounced testing).
- Ongoing reinforcement of expected behaviours whilst employed in the forestry industry - Tūranga Ararau staff are required to mirror these expectations.
- Presentations from forestry supervisors, contractors, workers to outline and reinforce the expectations of trainees entering the forestry industry.
- Onsite visits to crews operating in the local forestry industry.

Ongoing ‘pastoral care’ is offered to the trainees during the initial boot camp phase and then when they are placed into a forestry crew. Support and monitoring is offered to the trainees for up to 2 years of placement with a forestry crew. Pastoral care includes:

- Tūranga Ararau staff being open and honest the trainees.
- Tūranga Ararau staff being available to the trainees at all times.
- Providing advice and support when required or finding the necessary additional support from specialist services if required.
- Maintaining contact with the trainee, employer, and forestry company once the trainee is placed on work experience placement and subsequent employment. The contact and monitoring of the trainee can be maintained for up to 2 year following placement.
- Encouraging trainees to continue upskilling and gaining more skills and higher qualifications in the forestry industry.
- Providing alternative employment destinations if the trainee decides to opt out of the forestry industry.
-

Trainees can achieve other skills during their time with the Generation Programme including:

- Advanced First Aid.
- Drivers Licences (Learner, Restricted, Full).
- Wheels, Tracks, and Rollers endorsements if they hold a full drivers licence.
- Attend SAFETree Leadership Programmes.

Core competencies:



Provider summary



Provider name:	Tokomairiro Training	Region:	South Otago
Type:	Secondary School	Site locations:	Milton
NZQA approved provider:	Yes		
Primary delivery mode:	Mixed		

Qualifications and programmes on offer		
Name	Level	Credits
National Certificate of Educational Achievement (with strands in Forestry)	1 and 2	N/A
National Certificate of Educational Achievement (with strands in Forestry)	2 and 3	N/A
New Zealand Certificate in Forestry Foundation Skills	2	N/A

Training summary

Provider name:	Tokomairiro Training
Programme name:	Youth Guarantee Course
Qualification name:	National Certificate in in Educational Achievement
Level:	Levels 1 and 2
NZQA approved qualification?	Yes
Fees:	Fees free
Duration:	Full year
Specific qualification location:	Milton
Funded by Government:	Eligible for funding through TEC
Target audience:	School leavers aged 16-19
Delivery mode:	Mixed

Core competencies:



Training summary

Provider name:	Tokomairiro Training
Programme name:	Forestry Pathways
Qualification name:	New Zealand Certificate in Forestry Foundation Skills
Level:	Level 2
NZQA approved qualification?	Yes
Fees:	Zero fees
Duration:	32 weeks (2 days a week)
Relevant jobs to progress to:	All primary industry jobs
Specific qualification location:	Milton
Qualification description (if available, from NZQA site):	This qualification is aimed at those wishing to gain work in a forestry operation or new entrant employees in a forestry operation. As such, components of it can be used by providers for pre-employment programmes to develop the skills required for people beginning work in forestry operations.
Credit value:	83
Funded by Government:	Not in 2022 (industry funded only)
Target audience:	Senior school students who are intending to leave high school
Delivery mode:	Classroom/worksite (mixed provision)
Entry requirements:	16 years and older
Other comments:	Must be able to pass a drug test - a prerequisite for the industry

Core competencies:



Training summary

Provider name:	Tokomairiro Training
Programme name:	Forestry Pathways Programme
Qualification name:	National Certificate of Educational Achievement (with strands in Forestry)
Level:	Level 2 and some Level 3
NZQA approved qualification?	Yes
Fees:	Zero fees
Duration:	32 weeks (2 days a week)
Specific qualification location:	Milton
Funded by Government:	No
Target audience:	Senior students at Tokomairiro High School and other Otago schools
Delivery mode:	Classroom/worksite (mixed provision)

Core competencies:



Provider summary



Provider name:	University of Canterbury - Kura Ngahere	Region:	Canterbury
Type:	Tertiary Institution	Site locations:	Christchurch
Approved provider:	Yes, via Universities NZ/CUAP		
Primary delivery mode:	Classroom		

Qualifications and programmes on offer

Name	Level	Credits
Bachelor of Forestry Science	7 (8 Honours)	480
Bachelor of Engineering (Hons) in Forest Engineering	7 (8 Honours)	480
Postgraduate Diploma in Forestry	8	120
Master of Forestry Science	9	240

Educational Performance Information – 2020

Course completion rate:	91%	Qualification completion rate:	70%*
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*Less than 30 learners completed a forestry qualification at this provider in 2020.

Training summary

Provider name:	University of Canterbury - Kura Ngahere
Qualification name:	Bachelor of Forestry Science
Level:	Level 7 (Level 8 Honours)
Approved qualification?	Yes, Universities NZ/CUAP
Fees:	Domestic students (per year): 2021: \$7,884 NZD 2022: \$8,018 NZD International students (per year): 2021: \$37,500 2022: \$38,500
Which qualifications could this lead to:	Postgraduate Diploma in Forestry Master of Forestry Science Doctor of Philosophy (PhD)
Relevant jobs to progress to:	Forest management (plantation and native forests), conservation, harvesting, wood processing, planning, policy, forest science, timber appraisal, biosecurity, forest economics, sustainability, iwi advisory, and land management.
Specific qualification location:	Christchurch
More information (from provider website):	Graduates will have a broad theoretical and practical knowledge of Forestry Science and will be ready for employment as professional forest managers or for further specialised study and research in their field. It is an interdisciplinary degree that prepares graduates for managing forest resources by combining core science courses with management, commerce, and technology.
Credit value:	480
Funded by Government:	Eligible for Government funding, through SAC 3+
Target audience:	Students wishing to progress from secondary school or work experience into a tertiary qualification at Bachelors level
Delivery mode:	Full time classroom with practical learning
Entry requirements:	A New Zealand university entrance qualification, or equivalent. NCEA Level 3 - Sciences and Maths recommended

Core competencies:



Training summary

Provider name:	University of Canterbury - Kura Ngahere
Qualification name:	Bachelor of Engineering (Honours) in Forest Engineering
Level:	Level 7 (Level 8 Honours)
Approved qualification?	Yes, Universities NZ/CUAP
Duration:	Four years
Relevant jobs to progress to:	Forest Engineers. Forest engineers help design, construct and evaluate the operational systems that make the forest industry function. This includes designing and building new roads and forestry equipment, planning harvest operations, integrating new technologies and optimising transport logistics. It also means looking after the environment. These roles involve the hands-on application of engineering skills.
Specific qualification location:	Christchurch
More information (from provider website):	Forest engineering is a hybrid of engineering, forestry, and management. It requires people who can combine skills to solve engineering problems in the natural environment, with a focus on balancing economic, societal, and environmental requirements. University of Canterbury - Kura Ngahere offers Forest Engineering as a discipline within the Bachelor of Engineering with Honours.
Credit value:	480
Funded by Government:	Eligible for Government funding, through SAC 3+
Target audience:	Students wishing to progress from secondary school or work experience into a tertiary qualification at Bachelors level
Delivery mode:	Full time classroom and practical learning
Entry requirements:	i. successful completion of the First Year Programme; or ii. successful completion of an approved First Year Programme at another university; or iii. completion of appropriate NCEA Level 3 subjects, or the New Zealand University Entrance, Scholarship's qualification in appropriate subjects, or in other examinations approved by the Amo Pūkaha College of Engineering Dean (Academic); or iv. completion of a qualification from a tertiary institution.

Core competencies:



Training summary

Provider name:	University of Canterbury - Kura Ngahere
Qualification name:	Postgraduate Diploma in Forestry
Level:	Level 8
Approved qualification?	Yes, Universities NZ/CUAP
Fees:	Domestic (per year): 2021 Banded Fee - total tuition fee dependent on course selection: \$8,911 2022 Banded Fee - total tuition fee dependent on course selection: \$9,062 International (per year): 2021: \$39,500 2022: \$40,000
Which qualifications could this lead to:	Master of Forestry Science Doctor of Philosophy (PhD)
Duration:	One year (full time - two years part time)
Specific qualification location:	Christchurch
Qualification description:	Graduates will have gained advanced theoretical and practical knowledge of forestry science and can apply and communicate effectively forestry principles and concepts. They will understand, evaluate and review new information critically; engage in rigorous intellectual analysis, criticism and problem solving; work independently; carry out research, and communicate effectively concepts, results, and conclusions. Completion of this degree can lead to professional employment or the possibility of enrolling in the Master of Forest Science.
More information (from provider website):	The Postgraduate Diploma in Forestry caters for graduates who have a forestry degree or a qualification in a related area and wish to update and retrain, have another degree and are looking for some exposure to forestry, or are from countries where the forestry degree is less quantitative than in Aotearoa New Zealand.
Credit value:	120
Funded by Government:	Eligible for Government funding, through SAC 3+
Target audience:	The Postgraduate Diploma in Forestry caters for graduates who: <ul style="list-style-type: none"> • have a forestry degree or a qualification in a related area and wish to update and retrain. • have another degree and are looking for some exposure to forestry. • are from countries where the forestry degree is less quantitative than in New Zealand.
Delivery mode:	Full time
Entry requirements:	Bachelor's degree in Forestry or a related study in New Zealand; or bachelor's degree and relevant experience in a forestry related area.

Core competencies:



Training summary

Provider name:	University of Canterbury - Kura Ngahere
Qualification name:	Master of Forestry Science
Level:	Level 9
Approved qualification?	Yes, Universities NZ/CUAP
Which qualifications could this lead to:	Doctor of Philosophy (PhD)
Duration:	One-three years full time
Specific qualification location:	Christchurch
Qualification description:	Graduates can demonstrate advanced knowledge of a field of forestry science; apply and communicate effectively forestry principles and concepts; understand, evaluate, access and review critically, new information (including findings and discussions in the literature); engage in rigorous intellectual analysis, criticism and problem solving; work independently; carry out research, write a composite report and communicate effectively concepts, results, and conclusions. Completion of this degree can lead to professional employment or the possibility of doctoral study.
Credit value:	240
Funded by Government:	Eligible for Government funding, through SAC 3+
Target audience:	Students wishing to progress from secondary school or work experience into a tertiary qualification at Bachelors level.
Entry requirements:	Students for the Master of Forestry Science must have a four-year Bachelor of Forestry Science, or other bachelor's degree in relevant subjects, or a Postgraduate Diploma in Forestry.
Other comments:	The Master of Forestry Science will give you a head start into forest management, governance, or research at an advanced level. This degree offers a flexible structure – depending on your goals and experience, you can study by examination and report, examination and thesis, or thesis only. This programme means you can complete a professional master's degree with coursework and a report in two years. Students enjoy small classes and a wide variety of courses to choose from, ranging from silviculture to advanced IT applications in forestry.

Core competencies:





Provider summary

Provider name:	Wood Wise	Region:	Nationwide
Type:	Private Training Establishment	Site locations:	Nationwide
NZQA approved provider:	Yes		
EER rating and date:	One (2020)		
Primary delivery mode:	Mixed		

Qualifications and programmes on offer		
Name	Level	Credits
New Zealand Certificate in Wood Panel Manufacturing	2	60
New Zealand Certificate in Solid Wood Manufacturing	2	45-75
New Zealand Certificate in Wood Panel Manufacturing	3	60-65
New Zealand Certificate in Solid Wood Manufacturing	3	50-80
New Zealand Certificate in Solid Wood Manufacturing	4	45-160
New Zealand Certificate in Manufacturing	5	65

Training summary

Provider name:	Wood Wise
Programme name:	Wood Panel Manufacturing
Qualification name:	New Zealand Certificate in Wood Panel Manufacturing
Level:	Level 2
NZQA approved qualification?	Yes
Fees:	Depends on location and number of trainees/apprentices involved
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Wood Panel Manufacturing (Level 3) with strands in Composite Panel Finishing; Laminated Veneer Lumber and Plywood; Overlay Bonding and Veneer Preparation.
Duration:	Varies depending on strands
Relevant jobs to progress to:	All trainees are already employed
Specific qualification location:	Delivered anywhere in New Zealand, generally at the sites of employers
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the wood panel manufacturing industry with people who have introductory knowledge relevant to entry-level roles in the wood panel manufacturing industry. Graduates will be able to work safely in entry-level operational roles under close supervision.
Credit value:	60
Funded by Government:	Eligible for TEC funding
Target audience:	Employees of sawmilling and wood manufacturing companies
Delivery mode:	On-site at employers, can be delivered on a one-to-one basis or in small groups of up to 12 people
Entry requirements:	Trainees and apprentices are selected for training by employers

Core competencies:



Training summary

Provider name:	Wood Wise
Programme name:	Solid Wood Manufacturing
Qualification name:	New Zealand Certificate in Solid Wood Manufacturing
Level:	Level 2
Strands:	Timber Grading, Sawmilling, Timber Drying and Treatment, Laminating, Pole/Post/Pile, Timber Machining, Finger Jointing, Wood Pallet Manufacture, Foundation Knowledge
NZQA approved qualification?	Yes
Fees:	Depends on location and number of trainees/apprentices involved
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Solid Wood Manufacturing (Level 3) with strands in Finger Jointing; Pole, Post and Pile; Saw Doctoring; Sawmilling; Timber Drying; Timber Grading and Optimising; Timber Machining and Timber Treatment.
Duration:	Varies depending on strands.
Relevant jobs to progress to:	All trainees are already employed
Specific qualification location:	Delivered anywhere in New Zealand, generally at the sites of employers
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the solid wood manufacturing industry with people who have introductory skills and knowledge relevant to work in entry-level roles under close supervision within this industry.
Credit value:	45 - 75
Funded by Government:	Eligible for TEC funding
Target audience:	Employees of sawmilling and wood manufacturing companies
Delivery mode:	On-site at employers, can be delivered on a one-to-one basis or in small groups of up to 12 people
Entry requirements:	Trainees and apprentices are selected for training by employers

Core competencies:



Training summary

Provider name:	Wood Wise
Programme name:	Wood Panel Manufacturing
Qualification name:	New Zealand Certificate in Wood Panel Manufacturing
Level:	Level 3
Strands:	Composite Panel Finishing, Laminated Veneer Lumber and Plywood, Overlay Bonding, and Veneer Preparation
NZQA approved qualification?	Yes
Fees:	Depends on location and number of trainees/apprentices involved
Which qualifications could this lead to:	The Composite Finishing strand of this qualification can lead to the New Zealand Certificate in Composite Wood Panel Manufacturing (Level 4). The Laminated Veneer Lumber and Plywood and Veneer Preparation strands of this qualification can lead to the New Zealand Certificate in Finger Jointing (Level 4) and the New Zealand Certificate in Timber Machining (Level 4). The Overlay Bonding strand of this qualification can lead to the New Zealand Certificate in Manufacturing (Level 4) with an optional strand in Technical Support
Duration:	Varies depending on strands.
Relevant jobs to progress to:	All trainees are already employed
Specific qualification location:	Delivered anywhere in New Zealand, generally at the sites of employers
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the wood panel manufacturing industry with people who have the skills and knowledge to achieve production requirements as operators in a wood panel manufacturing operation. Each strand represents a process undertaken in wood panelling manufacturing.
Credit value:	60-65
Funded by Government:	Eligible for TEC funding
Target audience:	Employees of sawmilling and wood manufacturing companies
Delivery mode:	On-site at employers, can be delivered on a one-to-one basis or in small groups of up to 12 people
Entry requirements:	Trainees and apprentices are selected for training by employers

Core competencies:



Training summary

Provider name:	Wood Wise
Programme name:	Solid Wood Manufacturing
Qualification name:	New Zealand Certificate in Solid Wood Manufacturing
Level:	Level 3
Strands:	Timber Grading, Sawmilling, Timber Drying, Timber Treatment, Laminating, Pole/Post/Pile, Timber Machining, Finger Jointing
NZQA approved qualification?	Yes
Fees:	Depends on location and number of trainees/apprentices involved
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Solid Wood Manufacturing (Level 4) with strands in Laminating, Timber Drying, Timber Grading, and Timber Treatment.
Duration:	Varies depending on strands.
Relevant jobs to progress to:	All trainees are already employed
Specific qualification location:	Delivered anywhere in New Zealand, generally at the sites of employers.
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the solid wood manufacturing industry with people who have the skills and knowledge required to work as an operator under general supervision in a solid wood manufacturing operation. Each strand represents a process undertaken in solid wood manufacturing.
Credit value:	50-85
Funded by Government:	Eligible for TEC funding
Target audience:	Employees of sawmilling and wood manufacturing companies
Delivery mode:	On-site at employers, can be delivered on a one-to-one basis or in small groups of up to 12 people
Entry requirements:	Trainees and apprentices are selected for training by employers

Core competencies:



Training summary

Provider name:	Wood Wise
Programme name:	Solid Wood Manufacturing
Qualification name:	New Zealand Certificate in Solid Wood Manufacturing
Level:	Level 4
Strands:	Timber Grading, Sawmilling, Timber Drying, Timber Treatment, Laminating, Timber Machining, Finger Jointing
NZQA approved qualification?	Yes
Fees:	Depends on location and number of trainees/apprentices involved
Which qualifications could this lead to:	This qualification can lead to the New Zealand Certificate in Manufacturing (Level 5).
Duration:	Varies depending on strands.
Relevant jobs to progress to:	All trainees are already employed
Specific qualification location:	Delivered anywhere in New Zealand, generally at the sites of employers
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the solid wood manufacturing industry with people who have the skills and knowledge required to work as advanced operators without supervision in a solid wood manufacturing operation. Each strand represents a process undertaken in solid wood manufacturing.
Credit value:	45-160
Funded by Government:	Eligible for TEC funding
Target audience:	Employees of sawmilling and wood manufacturing companies
Delivery mode:	On-site at employers, can be delivered on a one-to-one basis or in small groups of up to 12 people.
Entry requirements:	Trainees and apprentices are selected for training by employers

Core competencies:



Training summary

Provider name:	Wood Wise
Qualification name:	New Zealand Certificate in Manufacturing
Level:	Level 5
NZQA approved qualification?	Yes
Fees:	Depends on location and number of trainees/apprentices involved.
Which qualifications could this lead to:	This qualification builds on the New Zealand Certificate in Manufacturing (Level 4) with an optional strand in Technical Support and other manufacturing related New Zealand Certificates. This qualification may lead to further higher- level study in business and management.
Duration:	Varies depending on strands.
Relevant jobs to progress to:	All trainees are already employed.
Specific qualification location:	Delivered anywhere in New Zealand, generally at the sites of employers.
Qualification description (if available, from NZQA site)	The purpose of this qualification is to provide the manufacturing industry with people who have the skills and knowledge required to manage and improve a production process on a manufacturing site. Graduates will be able to independently manage adherence to compliance standards and quality assurance to improve end-product quality.
Credit value:	65
Funded by Government:	Eligible for TEC funding
Target audience:	Employees of sawmilling and wood manufacturing companies
Delivery mode:	On-site at employers, can be delivered on a one-to-one basis or in small groups of up to 12 people.
Entry requirements:	Trainees and apprentices are selected for training by employers

Core competencies:



Other university delivered qualifications that may contain courses related to forestry

While these qualifications were developed to support the horticulture and agriculture sectors, there are individual courses within each qualification that are of relevance to the forestry sector. These courses can be taken by those wishing to upskill in the forestry sector and may be of particular interest to farm foresters/small forest owners.

More information on the specific courses offered by Lincoln University and Massey University can be found on the respective university websites.

Name	Level	Training providers that offer this qualification
Diploma in Horticulture	Level 5	Lincoln University
Diploma in Agriculture	Level 5	Lincoln University
Diploma in Horticultural Management	Level 6	Lincoln University
Diploma in Farm Management	Level 6	Lincoln University
Bachelor of Commerce (Horticulture)	Level 7	Lincoln University
Bachelor of Commerce (Agriculture)	Level 7	Lincoln University
Bachelor of Land and Property Management	Level 7	Lincoln University
Bachelor of Agribusiness (including specialisations in Farm Management, Rural Variation)	Level 7	Massey University
Bachelor of Agricultural Science	Level 7	Massey University
Bachelor of Horticultural Science	Level 7	Massey University
Postgraduate Diploma in Agribusiness	Level 8	Massey University
Postgraduate Diploma in Science and Technology (Agricultural Science)	Level 8	Massey University

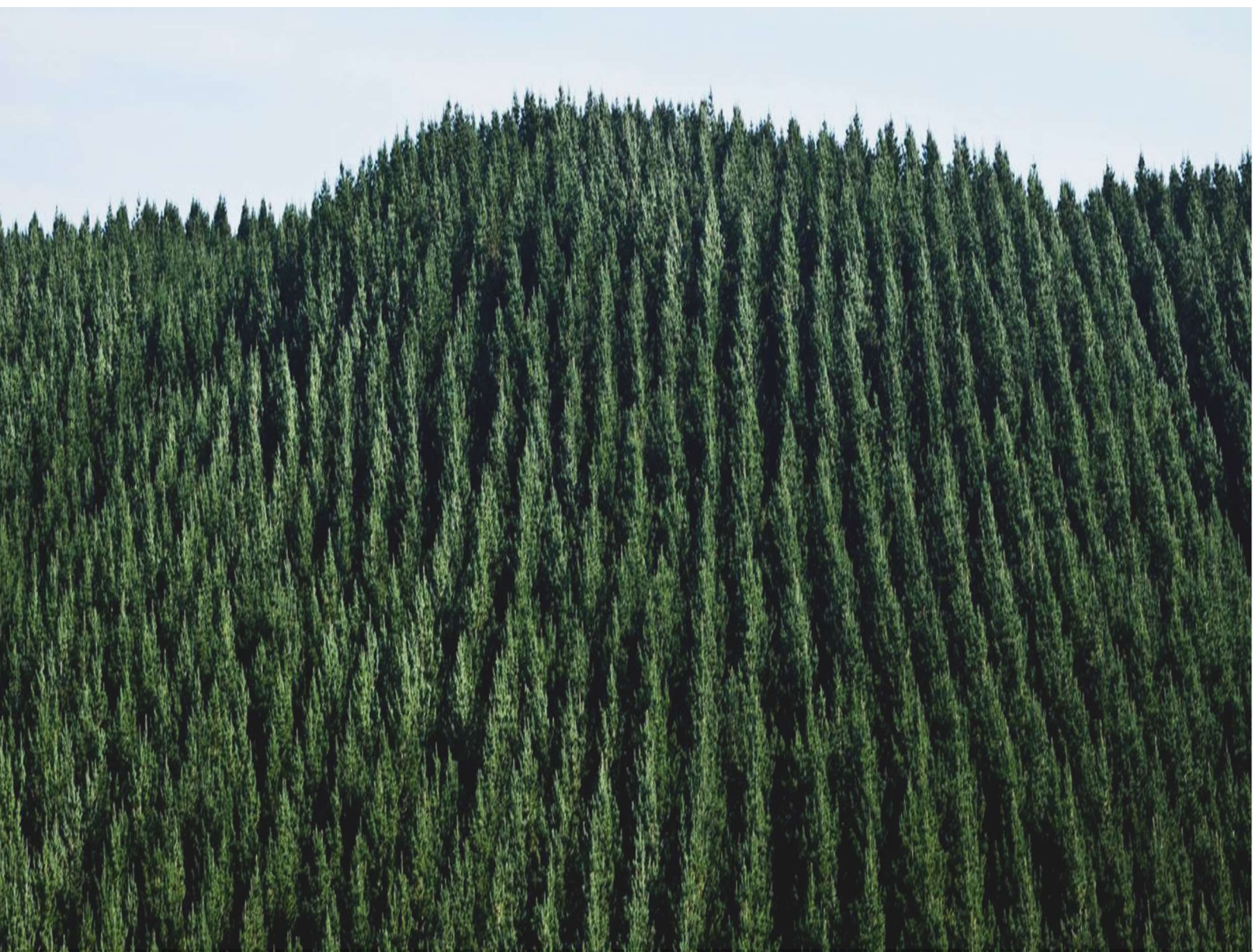
For each of these qualifications, we consider that they cover the range of core competencies covered by page 153, except for literacy and numeracy.

3

Part three:

Supporting information

Information to help readers understand the qualifications stock take



The New Zealand Qualifications Framework

The NZQF is the framework where all recognised secondary and tertiary qualifications in New Zealand are registered. It is the source for accurate information about quality assured qualifications available in New Zealand.

The NZQF provides information about what knowledge and experience holders of qualifications can be expected to demonstrate once they complete a qualification, and what further education and/or employment opportunities they can expect upon completing the qualification.

The NZQF:

- describes the skills, knowledge and attributes a graduate has gained through completing a qualification.
- requires the development of integrated and coherent qualifications that meet the needs of individuals, groups, industry and the community.
- enables and supports the provision of high-quality education pathways.
- enhances confidence in the quality and international comparability of New Zealand qualifications.
- contributes to Māori success in education by recognising and advancing mātauranga Māori.

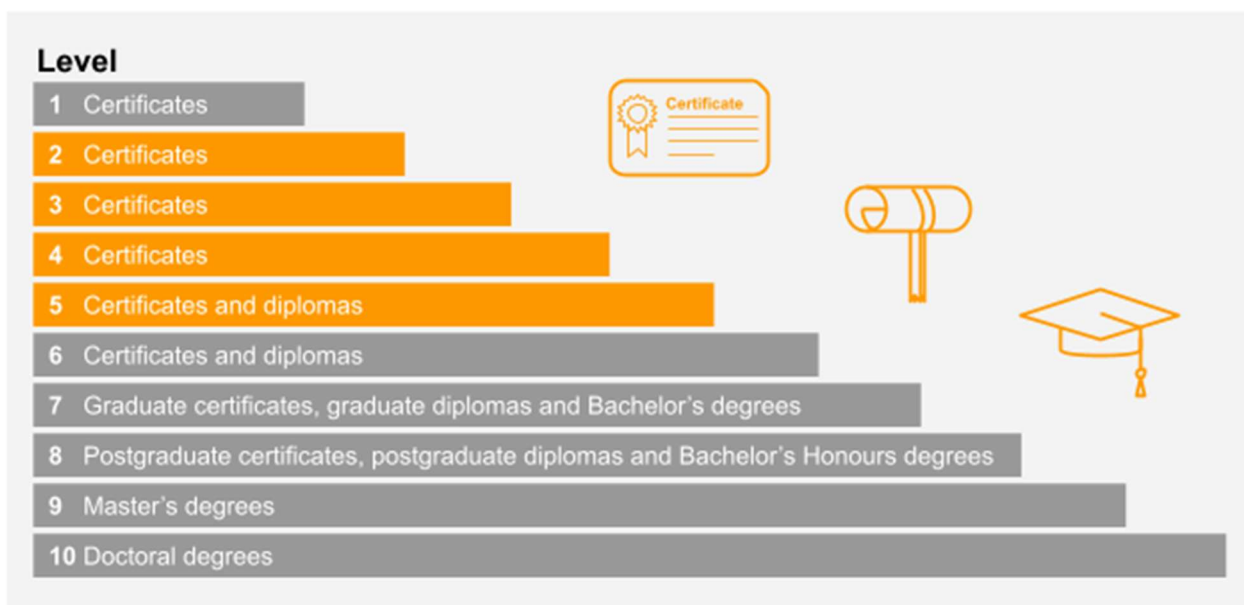
The New Zealand Qualifications Authority (NZQA) is the organisation that administers the NZQF. University qualifications within New Zealand are approved by the Committee on University Academic Programmes (CUAP) before being listed on the NZQF.

Quality assurance bodies

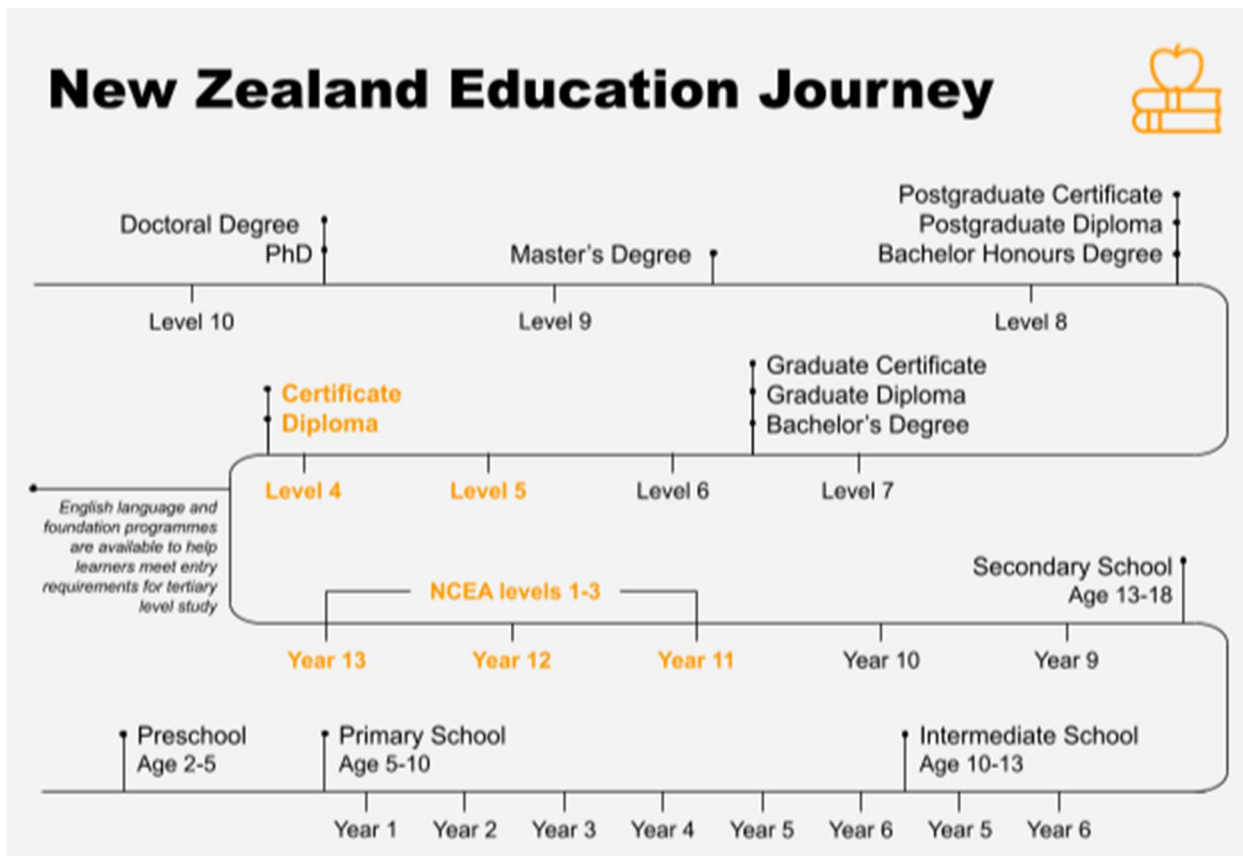
The NZQA has quality assurance authority over qualifications and educational standards in New Zealand, except for university study. CUAP undertakes qualification and regulation approval and accreditation, and programme moderation procedures, for universities.

WDCs, which are explained on page 140, will develop and endorse vocational education programmes, as well as set skills standards, prior to them being approved by the NZQA.

Levels of the NZQF



The NZQF is divided into 10 levels. These 10 levels cover a range of qualifications from certificates to doctoral degrees. The levels are based on the complexity of the learning involved. A level 1 certificate is the least complex, and a level 10 degree the most complex.



At secondary school, students work towards the NCEA, which covers levels 1 to 3 of the NZQF. Some tertiary qualifications overlap with levels 1 to 3, with levels 1 and 2 particularly targeted at those with no or low prior learning.

After secondary school, students who want to continue their study at a tertiary level can choose from several education options. In some instances, students may need to finish secondary school to study at this level - however, there are also entry pathways for those learners who have not completed secondary schooling.

Most vocational education and training, including that included in this document, sits at levels 2 - 4 of the NZQF. However, this document also contains some training below level 2 and above level 4, acknowledging potential pathways for learners to progress to higher levels of learning.

The Reform of Vocational Education

RoVE is the most significant set of changes for the vocational education and training sector in more than 25 years.

In 2020, the Government implemented reforms to the vocational education and training sector via the Education (Vocational Education and Training Reform) Amendment Act, which came into effect on 1 April 2020. This amended the Education Act 1989 and repealed the Industry Training and Apprenticeships Act 1992 to create a unified and cohesive vocational education and training system.

This followed work and engagement undertaken in 2018 and 2019, combining the previous Institute of ITP Roadmap and the Review of Vocational Education and Training.

The reforms covered seven key changes designed to create a strong, unified, sustainable vocational education system that is fit for the future of work, and that delivers the skills that learners, employers and communities need to thrive. These are listed below:

- Create WDCs to give industry greater leadership across vocational education.
- Establish RSLGs to provide advice about the skills needs of their regions to the TEC, WDCs, and training providers.
- Establish Te Taumata Aronui, a group to help develop the tertiary education system, including the RoVE programme, so that it better supports the aspirations, and reflects the needs, of Māori learners, communities and employers.
- Create a unified, sustainable, public network of regionally accessible vocational education and training, with a working name of the New Zealand Institute of Skills and Technology (now named Te Pūkenga).
- Shift the role of supporting workplace learning from ITOs to providers, to ultimately achieve seamless integration between the two and to ensure industry needs are met.
- Establish Centres of Vocational Excellence (CoVEs) to grow excellent vocational education provision and share high-quality curriculum and programme design across the system.
- Unify the vocational education funding system, applying it to all providers and work-integrated education and industry training.

The RoVE programme was introduced to help create a more sustainable, responsive and flexible vocational education system for New Zealand, well adapted to respond to the needs of the Future of Work. This includes the expectation that:

- around one-third of jobs in New Zealand will be significantly impacted by automation in the near future.
- we will have an aging population that will continue to be employed for longer.
- the skills needed – in all types of jobs and industries – will need to consider the changing demographics of New Zealand.

Most importantly for the forestry and wood processing sectors, the RoVE programme (and subsequent legislative change) established WDCs, which deliver a different role than ITOs have historically. While ITOs operated to coordinate work-based training, WDCs will advocate for the sectors that they represent, supporting the TEC to make sound investment decisions related to their industries, and endorse qualifications. The on-job training functions previously delivered by ITOs will now be delivered by Te Pūkenga and its subsidiaries, wānanga, and PTEs.

WDCs became legal entities on 4 October 2021. This means that the work-based training coordination components of Competenz - the ITO previously responsible for the wood processing and forestry industries - have transferred to Te Pūkenga Work Based Learning Limited (WBL), a subsidiary of Te Pūkenga. The qualification development functions previously held by Competenz have transferred to Muka Tangata People, Food and Fibre Workforce Development Council (Muka Tangata) (silviculture and harvesting) and Hanga-Aro-Rau Manufacturing, Engineering, and Logistics Workforce Development Council (Hanga-Aro-Rau) (wood processing).

The RoVE programme of work also introduced the creation of RSLGs. These organisations exist to identify and support better ways of meeting future skills and workforce needs, on a regional basis. Interim RSLGs were formed in June 2020, and 15 permanent RSLGs has subsequently been enacted to support a joined-up approach to labour market planning, better meet the differing skills needs across New Zealand.

What is Te Pūkenga?

Te Pūkenga is a new Crown-owned national tertiary education provider which delivers classroom, online, and on-job learning. It encompasses the delivery, operations and assets of the previous 16 ITPs, as outlined below:

- Ara Institute of Canterbury.
- Eastern Institute of Technology.
- Manukau Institute of Technology.

- Nelson Marlborough Institute of Technology.
- NorthTec.
- Otago Polytechnic.
- Southern Institute of Technology.
- Tai Poutini Polytechnic.
- The Open Polytechnic of New Zealand.
- Toi Ohomai Institute of Technology.
- Unitec Institute of Technology.
- Universal College of Learning.
- Waikato Institute of Technology.
- Wellington Institute of Technology.
- Western Institute of Technology at Taranaki.
- Whitireia New Zealand.

While these organisations continue to operate using their own branding and identities, they are subsidiaries of Te Pūkenga.

The work-based training coordination functions of several previous ITOs have also been incorporated into an additional subsidiary of Te Pūkenga, WBL, or are in the process of transferring into this subsidiary. As of November 2021, WBL contains the work-based training functions (or components thereof) of the following former ITOs:

- Competenz.
- Infrastructure Industry Training Organisation (trading as Connexis).
- Building and Construction Industry Training Organisation.
- Motor Industry Training Organisation - *approved but not yet transitioned*.
- Service IQ - *approved but not yet transitioned*.

The training coordination function of each of the former ITO's listed above will transfer is a business unit of WBL or have already transferred.

As New Zealand's largest tertiary education provider, Te Pūkenga will ultimately have the national and regional reach to become a long-term skills training partner for firms and industries, enabling learners to move between workplaces and other educational offerings and locations as their needs change.

We have not included information on all subsidiaries of Te Pūkenga in this document. Instead, we have only included those that deliver education and training for the forestry sector.

What is a WDC?

WDCs are responsible for developing industry qualifications and setting standards. They will assess training provision against established standards to ensure they are applied consistently across New Zealand and across all learning, whether on-the-job, in-classroom or online. WDCs do not have a role in delivering training.

WDCs will ensure that vocational education meets the needs of industry and employers, with each of the six WDCs representing a set of industries. They will work with their industries to develop and maintain a strategic view of the skills and training needed now and, in the future, translating those needs into expectations of what education and training providers must deliver.

WDCs will also work and collaborate with each other along with key education and government agencies, schools, and advocacy groups, and work closely with RSLGs to ensure regional economic needs and priorities are met.

WDCs were formally established on 4 October 2021.

What is a CoVE?

CoVEs are broadly defined organisations that operate as part of the vocational education system, working closely with WDCs, RSLGs and education providers. The specific functions of each CoVE are determined through an application and approval process to the TEC, with two CoVEs currently in operation - a Construction CoVE and a Primary Sector CoVE.

CoVEs must:

- Support the growth of excellent vocational education with a focus on teaching, learning and research.
- Support the development and sharing of high-quality curriculum and programme design.
- Be a consortium with expert representation from industry, the wider sector, and a range of other areas, for example iwi and vocational education representatives.
- Have a national focus.
- Be hosted by a regional campus of Te Pūkenga or a wānanga.

- Address issues and opportunities with a significant strategic impact, ideally with wide-reaching benefits.
- Solve real problems and grasp viable opportunities.

While a primary industry CoVE is in operation, this is mainly focused on food and fibre. However, the desired outcomes of the CoVE - hosted by the Eastern Institute of Technology, a subsidiary of Te Pūkenga - align to broader desires for the primary sector and industry training:

- **Key outcomes for learners:** Learners will see greater coherence across the food and fibre sector with clearly defined learning pathways and career opportunities. They will be able to access, through flexible delivery modes, food and fibre education opportunities when and where they need it.
- **Key outcomes for industry and employers:** Greater connection between industry and the education sectors results in better understanding of the industry and employment contexts, shared innovation and more rapid integration of research and development into programmes and value gains through alignment of non-formal and formal education provision to offer better upskilling and reskilling opportunities for employers and employees.
- **Key outcomes for the vocational education system:** Greater emphasis on workplace-focussed learning results in learning opportunities that are valued, driving up demand from learners, Māori, employers and employees. Better work-ready graduates and improved business productivity result from collaboration, including shared practice, evidence, data and knowledge, and kaiako capability development.

What is a RSLG?

The RoVE programme of work also introduced the creation of RSLGs, introduced to identify and support better ways of meeting future skills and workforce needs, on a regional basis.

Interim RSLGs were formed in June 2020, with an immediate focus on the COVID-19 impacts of regional workforce and labour market factors, providing valuable insights focused on helping re-employ, redeploy or retrain workers who had lost their jobs or closed their businesses.

Each permanent RSLG consists of around 12-14 members that were appointed through a public Expression of Interest/nomination process, with co-chairs appointed by the Minister for Social Development and Employment. Members of RSLGs include regional industry leaders, economic development agencies, iwi/Māori, worker, community and government representatives, who contribute their knowledge and local expertise.

Functioning independently, the groups are locally based and regionally enabled, and supported by a team of data analysts, advisors and workforce specialists at the Ministry of Business, Innovation & Employment. They will develop Regional Workforce Plans, and work to provide advice to Government on the needs of regions.

Types of training providers

This stock take uses the generic term *training provider* to describe organisations that deliver training within New Zealand. These include organisations that deliver training listed on the NZQF, and those that operate outside of the formal training framework.

The following paragraphs outline the main types of organisations that offer training within New Zealand.

Universities

There are eight Universities in New Zealand that primarily provide degree and postgraduate education. Universities work with communities, business, industry, iwi and the research community to share and apply knowledge and promote learning. They also provide sub-degree and community programmes. Universities are tertiary education institutions (TEIs), which are owned by the Crown.

The eight universities of New Zealand are listed below:

- University of Auckland.
- Auckland University of Technology.
- University of Waikato.
- Massey University.
- Victoria University of Wellington.
- University of Canterbury.
- Lincoln University.
- University of Otago.

Te Pūkenga

As outlined on page 139, Te Pūkenga is a single, national training provider that incorporates the previous ITPs and the work-based training components of some ITOs. It delivers a wide variety of technical, vocational and professional education. It also delivers research, particularly applied and technological research.

Te Pūkenga is also a TEI.

Wānanga

New Zealand's three wānanga provide education using Māori methods of teaching and learning, contributing towards the survival and well-being of Māori as a people. Under the Education and Training Act (2020), a Wānanga is characterised by teaching and research that maintains, advances, and disseminates knowledge and develops intellectual independence, and assists the application of knowledge regarding ahuatanga Māori (Māori tradition) according to tikanga Māori (Māori custom).

Wānanga also play an ongoing role in re-engaging learners into education. The iwi that support each wānanga ensure Māori philosophies, principles and approaches are incorporated into the learning environment.

Wānanga are also TEI.

The three wānanga of New Zealand are listed below:

- Te Wānanga o Raukawa.
- Te Wānanga o Aotearoa.
- Te Whare Wānanga o Awanuiarangi.

Private training establishments

PTEs are operated by a wide range of companies, trusts and other entities, and offer tertiary education or vocational training. PTEs are diverse in terms of their scale of operation, location, culture and areas of educational expertise. PTEs were originally established to respond to the broad range of needs of students, industry, employers, and communities, as well as Māori, Pasifika and other stakeholders.

Government training establishments

Government training establishments are state-owned organisations that offer education or training, for example, New Zealand Police Training Services and the New Zealand Army.

Informal training providers

When a provider is not funded through the formal education and training system - i.e., via the TEC - or quality assured by the NZQA or CUAP, we consider this to be an *informal training provider*. For example, an employer that offers on-job training outside of the formal education system (and does not do so under the accreditation of a training provider or the previous ITO) and awards a certificate not quality assured by the NZQA, could be considered an informal training provider.

Please note that some streams of funding are available to informal training providers, or those not registered with NZQA. Some examples of these are noted on page 149.

Note: organisations or individual assessors working under the accreditation of another training provider

Throughout this document, there are some recorded instances where a non-NZQA approved training provider or employer is delivering training under the accreditation of another training provider. This may be due to a joint venture type arrangement but will be dependent on the individual circumstances of the two (or more) organisations in question.

Funding sources - TEC

Funding for tertiary education delivery in New Zealand is administered by the TEC.

The TEC and Ministry of Education are currently proposing significant changes to tertiary funding in the vocational education and training space through the Unified Funding System. A brief overview of the aims of the Unified Funding System is included on page 150. However, the following four pages provide an overview of funding currently available from TEC.

The following TEC funds make up most of the tertiary provision in the forestry and wood processing sectors in New Zealand.

Targeted Training and Apprenticeship Fund

The TTAF, established in 2020, is paid directly to training providers to allow those providers to deliver training fees-free to learners. It is targeted towards industries where demand from employers for skills will continue to be strong, or are expected to grow, during New Zealand's recovery period from the impacts of COVID-19. It is currently intended to run through to the end of December 2022.

Study in the following areas is covered by the TTAF:

- All apprenticeships.
- Level 3-7 sub-degree programmes in targeted areas delivered by tertiary providers.
- Industry training, outside of apprenticeships, in targeted areas.

In addition, forestry and manufacturing are 'target areas' for the fund. The following forestry specific qualifications are eligible for the TTAF, alongside all New Zealand Apprenticeship programmes and some microcredentials in these targeted areas:

Qualification Code	Qualification Title	Register Level
NT6017	Working in Silviculture Operations (NorthTec only)	3
NT6016	Working in Harvesting Operations (NorthTec only)	3
NZ1969	New Zealand Certificate in Solid Wood Manufacturing	3
NZ2334	New Zealand Certificate in Forestry Operations	3
NZ2326	New Zealand Certificate in Forest Harvesting Operations	3
NT6015	Advanced Harvesting Operations (NorthTec only)	4
NZ2327	New Zealand Certificate in Forest Harvesting Operations	4
NZ2963	New Zealand Certificate in Conservation (Operations) (Level 4)	4
LI3055	Diploma in Horticulture (Lincoln University only)	5
LI3015	Diploma in Agriculture (Lincoln University only)	5
LI3060	Diploma in Horticultural Management (Lincoln University only)	6
NZ2329	New Zealand Diploma in Forest Management (currently only delivered by Toi Ohomai Institute of Technology)	6

The TTAF replaces the fees component that providers would otherwise collect from learners, acting as a 'top up'. Therefore, the funding rate paid for TTAF funding will be dependent on the relevant Industry Training Fund (ITF) or Student Achievement Component Levels 3+ rate being paid to providers.

Student Achievement Component (SAC) Fund

The SAC is a Government contribution towards the cost of teaching and learning services. This is the funding type most commonly used across tertiary level training providers in New Zealand, including Te Pūkenga, Wānanga, universities and PTEs.

SAC funding is split into two distinct funds, each with its own funding requirements:

- Funding for foundation education (SAC levels 1 and 2 funding).
- Funding for training at levels three and above of the NZQF (SAC 3+).

SAC levels 1 and 2 funding

SAC levels 1 and 2 funding provides a low-cost way for people who do not have essential foundation skills to achieve these skills, supporting students that (typically) do not hold prior qualifications to progress to higher levels of study and gain skilled employment. Students must be studying towards a qualification listed on the NZQF at level 1 and 2.

The funding conditions for SAC levels 1 and 2 funding requires training providers to check the prior achievement of incoming learners, with this funding to be targeted to those learners who do not already have recent (five years) qualifications at levels 2 and above.

Delivery is fees-free for learners. Delivery must be used towards:

- An NZQA approved qualification of 40 credits or more at levels 1 or 2 of the NZQF; or
- An NZQA quality assured training scheme that leads to an award with a credit value greater than 20 credits; or
- A part of a programme that leads to the award of the NCEA at Level 2 that is aligned with one or more of the Vocational Pathways.⁶

SAC levels 1 and 2 delivery must also include an assessment of the literacy and numeracy capability of learners and must include embedded literacy and numeracy provision.

The 2022 funding rate for SAC levels 1 and funding is \$13,607 per Equivalent Full Time Student (EFTS) (excluding GST).

SAC Levels 3 + funding

SAC Levels 3+ funding applies to all TEC funded SAC provision at levels three and above on the NZQF. Fees can be charged to learners, although top-ups such as the TTAF exist to make this delivery fees-free for a range of learners. For non TTAF delivery, under the Government's fees free scheme, outlined on page 151, SAC Levels 3+ funding can also be fees-free for learners for a year if it is the learners first enrolment in the tertiary education system.

There are a range of requirements for training providers to meet to obtain and retain this funding, including financial viability and organisational eligibility requirements. In addition, programmes must meet certain eligibility requirements to be funded, including:

- Being part of a NZQA or CUAP assured programme that leads to the award of a qualification at Levels 3 to 10 on the NZQF.
- Being part of a training scheme that leads to an award not listed on the NZQF (including some microcredentials), but having been quality assured in accordance with published TEC criteria.

There are also restrictions around the use of SAC Levels 3+ funding on health and safety or regulatory compliance learning.

Depending on the specific area of provision, there are a number of SAC Levels 3+ funding rates that may apply. Information on specific funding rates for SAC L3+ can be found on the [TEC website](#), and should be read in conjunction with the [SAC 1-39 Course Classification Guide](#).

⁶ Together with their NCEA level 2, students can achieve a Vocational Pathways Award. This signals that students have achieved NCEA level 2 standards that align with the knowledge and skills that employers are looking for in the six vocational pathway areas, which include both Manufacturing/Technology and Primary Industry Vocational Pathways.

Industry Training Fund (ITF)

The ITF covers industry training, New Zealand Apprenticeships, and industry training-related projects. The purpose of the ITF is to:

- Subsidise formal, structured employment-based training linked to qualifications, predominantly at levels 1 to 4 on the NZQF.
- Encourage structured training by supporting training organisations and organisations participating in the ITF direct funding scheme in their management of on- and off-job training.

New Zealand Apprenticeships are programmes of learning delivered entirely or almost entirely on-job to those in employment, combining one or two New Zealand Certificates (typically at levels three and four). They are usually delivered over three or four years.

Funding from the ITF can also be applied to industry training-related projects. The following training providers are able to access the ITF:

- Transitional ITOs⁷ as functions are being transitioned to training providers through New Zealand.
- Training providers to whom responsibility is transferred for the purposes of the elements of a transition plan.
- Training providers of education and training for the purposes of training agreements.
- Training providers carrying out apprenticeship training activities.

The Standard Training Measures (STM) is the measure of learner enrolments in New Zealand covered by the ITF.

The 2022 funding rates (GST exclusive) for the ITF are as follows:

Industry trainee	\$3,517.00; or \$3,165.00 for training arranged by a direct funding scheme organisation.
New Zealand Apprenticeship	\$5,716.00; or \$5,143.00 for New Zealand Apprenticeship training arranged by a direct funding scheme organisation.

Under the Government's fees free scheme, outlined on page 150, ITF training can be fees-free for learners for up to two years if it is the learners first enrolment in the tertiary education system.

Youth Guarantee (YG) Fund

The YG Fund is part of a wider YG suite of initiatives that includes Vocational Pathways and Secondary-Tertiary Programmes (such as Trades Academies). These initiatives provide opportunities for students to achieve a minimum of NCEA level 2 or equivalent, to enable progression to higher levels of study, training, or employment.

YG provides fees-free tertiary education for students aged 16-19 years who have no or low prior qualification achievement. Students may study towards:

- NCEA level 1 and 2 aligned to the Vocational Pathways; or
- Another qualification at level 1 or 2 on the NZQF which is intended to enable students to progress to higher-level education or employment.

In some instances, learners can also work towards a level 3 qualification under YG funding, provided they had low or no achievement before enrolling, and have achieved level 1 or 2 qualifications through YG.

The 2022 trade funding rate for YG is \$14,967 per EFTS, including a \$523 pastoral care subsidy, and a \$837 transport assistance subsidy.

⁷ From 1 April 2020, ITOs became transitional ITOs. From April 2020 to December 2022, the coverage and role of transitional ITOs will be transferred to WDCs, Te Pūkenga and its subsidiaries and other training providers.

Trades Academy Fund

Trades Academies are partnerships between schools, training providers and employers. They aim to keep young New Zealanders engaged in education and training by creating a clear path between school and further education, training, or employment.

A Trades Academy can be led by a school or by a training provider funded by the TEC. Like YG funding, Trades Academy funding is part of the Government’s wider suite of Youth Guarantee initiatives.

Trades Academy programmes are expected to...	They achieve this by...
<ul style="list-style-type: none"> ● Motivate students to keep learning. ● Offer students more options for study and training. ● Raise each student’s achievement of the NCEA level 2 qualification. ● Show students a clear path from education into work. 	<ul style="list-style-type: none"> ● Developing flexible and integrated learning programmes which best meet the needs of students ● Providing effective pastoral care and co-ordination to suit the needs of individual students. ● Keeping students engaged by offering them options that best suit their needs.

Trades Academy programmes are delivered fees-free and full time (25-30 hours per week). They combine both secondary and tertiary education, which can also include relevant work experience. The students are already enrolled, and continue to be enrolled, in secondary school.

Students achieve NCEA at level 2 (or 3), and also work towards a trades-related tertiary qualification on the New Zealand Qualifications Framework (NZQF) at level 1, 2, or 3. Most commonly, a student undertakes one or two days of tertiary/trade-based learning each week and is learning at secondary school for the remainder of the week.

Trades Academy programmes are targeted towards:

- Māori and Pasifika students who are at risk of not achieving NCEA level 2 or equivalent; and
- Students who have not already achieved NCEA level 2 or equivalent.

Trades Academies funding is based on a per-place rate. The amount of funding paid to both the training provider and the school is proportional to the amount of time the student spends at the training provider and school respectively.

For 2022, the total rate is \$14,680 per place, which includes a pastoral care and coordination, general teaching and learning and trade top up component.

Workplace Literacy and Numeracy provision - Employer led

Workplace Literacy and Numeracy (WLN) Employer-led funding supports the provision of literacy and numeracy programmes for employees to increase their literacy and numeracy skills and contribute to workplace productivity.

The TEC funds workplace literacy and numeracy provision to:

- Increase the literacy and numeracy skills of employees.
- Contribute to workplace productivity through the provision and evaluation of literacy and numeracy learning in a workplace context.

The WLN Employer-led Fund helps employers to:

- Provide high-quality literacy and numeracy programmes that are customised for their workplace.
- Address productivity problems where the root cause is in the literacy and numeracy skill levels of employees.

Employers that receive WLN funding must demonstrate that they will:

- Complete a workplace literacy and numeracy analysis for the business.
- Develop a customised and structured literacy and numeracy learning programme.

- Maintain auditable records of employee participation and learning gain.
- Determine explicit business outcomes linked to the programme, and report progress on these which we may audit.
- Ensure the business has sufficient commitment and expertise, where viable, to continue contributing to raising employees' literacy and numeracy skills at the conclusion of the programme when funding ceases.

Learners must demonstrate that they have low skill levels in literacy, numeracy, or literacy and numeracy, not be enrolled in training elsewhere, and be in work.

The 2022 rate for WLN Employer-led provision is funded up to a maximum of \$95.68 (GST exclusive) per hour of face-to-face literacy, numeracy, or literacy and numeracy tuition.

Funding sources - non-TEC

Please note that this section does not intend to provide information on all funding sources available to providers, rather, it outlines those non-TEC funding sources mentioned in this report.

One Billion Trees Fund

The One Billion Trees Fund, administered by Te Uru Rākau - New Zealand Forest Service, was launched in 2018 and offered \$240 million in grants and funding to landowners, organisations, and communities who wanted to:

- Plant trees.
- Revert land to native forest.
- Improve the way we grow and plant trees.

While the programme will continue until 2028, it is currently closed for applications and signed contracts will progress as scheduled.

He Poutama Rangatahi

He Poutama Rangatahi is a cross-agency initiative aimed at rangatahi (the younger generation) who are most at risk of long-term unemployment and who may need extra individualised and ongoing support to connect to training and employment. He Poutama Rangatahi also supports employers to help meet the needs of rangatahi.

Projects have been funded by both the Ministry of Social Development and the Provincial Growth Fund. The Ministry of Business, Innovation and Employment has provided funding through this scheme to forestry employers in the past.

Through supporting local organisations, He Poutama Rangatahi helps to deliver sustained employment outcomes for rangatahi. As part of this, He Poutama Rangatahi also supports employers who need access to specialised employment support for the needs of rangatahi.

Organisations interested in exploring funding opportunities through He Poutama Rangatahi can contact the Ministry of Social Development, who administer the initiative.

What is the Unified Funding System project?

The UFS project is a part of the ongoing RoVE programme. It is intended to apply to all provider-based and work-based education at certificate and diploma qualification levels 3 to 7 of the NZQF, and all industry training. It will not include degree level provision.

The vocational education funding system is complex, with a wide range of factors determining the cost of different types of delivery. Currently, the funding system is unable to reflect all of these differences. The Government is seeking to design a funding system that strikes a balance between the complexity of delivering vocational education and the need for a transparent, predictable funding system that makes it clear to providers what the Government is seeking to achieve from its investment.

UFS work is ongoing, and therefore has not been actively considered throughout this stock take. However, based on information available as at November 2021, the following detail on the UFS project is available.

Three components are proposed for inclusion in the UFS. These are:

- **A Funding Category Component**, which will support volume-based education delivery and support for work-integrated learning in a new way. It will consider subject matter and mode of delivery. It is intended to support learners to train in both the workplace and in education settings, with rates reflecting these different settings. The Minister of Education has agreed to further development of five modes of delivery, which are:
 - Provider-based delivery.
 - Extra-mural delivery.
 - Work-based learning (pathway to work).
 - Work-based learning.
 - Assessment and verification.
- **A Learner Success Component**, which will recognise the requirements on training providers to understand and respond to the range of learner needs, to work with their communities, iwi and employers, and to drive performance of traditionally underserved learners. It currently proposes increasing the proportion of funding that is used to encourage learner success.
- **A Strategic Component**, which proposes a new flexible funding approach for strategically important delivery to support national and regional priorities, increase responsiveness to regional labour-market demand, and address the issues associated with geographic isolation.

The modes of delivery outlined in the 'funding category component' are proposed for delivery from 2023, and online engagement regarding the UFS is ongoing.

Cost to learners

When we refer to funding sources in the stock take, we are referring to the funding available to *training providers* to support the delivery of education and training, rather than funding available to learners. In some instances, we have noted whether the *funding type* offers fees-free delivery. Fees-free delivery typically only applies to domestic learners, with different funding rates charged to international learners.

SAC Levels 3+ and ITF training is generally eligible for fees-free delivery, but this is dependent on the prior educational delivery learners have accessed.

To find out if they are eligible for fees-free training, learners can visit the fees free website (<http://www.feesfree.govt.nz>) and enter their National Student Number. The fees-free scheme is targeted at first-time learners entering the tertiary education system, and learners can access one- or two-years study or training through this scheme, depending on what they are studying (some vocational trades training can be fees-free for two years).

Where fees are charged to learners by training providers receiving TEC funding, there are strict rules about the amount that can be charged and for what purposes, including (for SAC Levels 3+ funding) an Annual Maximum Fee Movement restriction, limiting how much fees can increase by annually.

A range of scholarships are also available to learners wishing to undertake study in the forestry industry.

Types of training offered

There are a range of different types of education and training offered within New Zealand training providers. We have briefly outlined the most common types below.

NZQF qualifications

A qualification is a record awarded at the completion of successful study. In New Zealand, a qualification must be registered on the NZQF to be recognised as a formal qualification. The NZQF also sets definitions for each level of qualifications - 1 through 10 - which describe the purpose, outcomes and credit requirements for each level of qualification. For example, a level one certificate must be a minimum of 40 credits, whereas a level 10 doctoral degree requires at least 360 credits.

Programmes

A programme is made up of one or more NZQF listed qualifications.

New Zealand Apprenticeships

An apprenticeship allows a learner the chance to achieve a formal qualification and hands-on experience while working and getting paid, and typically takes three to four years to complete. Upon successful completion of an apprenticeship, a learner will be awarded one or more NZQF qualifications.

Training schemes

A training scheme is a coherent arrangement of learning or training. A training scheme leads to an award, but does not, by itself, lead to an award of a qualification on the NZQF. A training scheme has no minimum credit value, is typically 1-39 credits, but can be 40 credits or more if its outcome is not substantially similar to a qualification on the NZQF.

Micro-credentials

A micro-credential certifies achievement of a set of skills and knowledge. It must meet the requirements of a training scheme as well as these additional requirements:

- have demonstrable evidence of need from employers, industry and/or community.
- typically, it *does not duplicate* current quality-assured learning approved by NZQA.
- be reviewed annually to confirm the micro-credential continues to meet its intended purpose.
- be 5–40 credits in size.

An industry training micro-credential consists of one or more assessment standards which certifies the achievement of a specific set of skills and knowledge in workplace training. It must also meet the additional requirements above.

All micro-credentials must include appropriate assessment activities to provide confidence the learner has achieved the learning outcomes at the appropriate NZQF level.

Informal training

Any training that is not listed on the NZQF is typically viewed as informal training. This would include, for example, certificates issued by a non-NZQA approved training provider.

Core competencies

At the bottom of each training summary page in our stock take, we identify whether we think eight core competencies are included within the training on offer.

These core competencies relate to eight specific areas identified from Toi Ohomai’s 2019 study of wood processing organisations, identifying those areas where participants felt the most significant skills would be needed now and in the future. The findings of this study were included in the Action Plan.

We have identified those core competencies with the highest immediate and future need as described through Toi Ohomai’s previous research (excluding specific technical skills), and for each training summary, have identified whether the training listed in this stock take incorporate these core competencies. We have also added the knowledge area of te ao Māori due to the significant connections of Māori and tangata whenua to forestry.

Please note that our assessment of whether a qualification contains these skills is based on publicly available information, which may include (but not be limited to) qualifications information on provider websites and qualification approval information from the NZQA. For example, where a qualification’s approval documentation notes the inclusion of health and safety or a communications component, we would consider the qualification includes this competency. Individual providers were also able to amend which core competencies were included in each training summary, which accounts for the competency differences between providers who deliver the same core qualifications.

If a qualification does not list any core competencies, this may mean insufficient information was available to determine whether the competency was part of the qualification or training. It does not necessarily mean that the training does not cover that competency, but rather, we were unable to identify this,

The icons below are used throughout this document to indicate where the competencies are present within training:



Literacy and numeracy



Communications, critical thinking, motivation, teamwork



Managerial skills



Te Ao Māori



Leadership development



Environmental sustainability



Workplace health and safety



Computer skills

Acronyms and terms

Acronym or term	Description
CoVE	Centre of Vocational Excellence
CUAP	Committee on University Academic Programmes
EFTS	Equivalent Full Time Student
EQAF	Evaluative Quality Assurance Framework
Hanga-Aro-Rau	Hanga-Aro-Rau Manufacturing, Engineering, and Logistics Workforce Development Council
Informal provider	A provider that is not quality assured by the NZQA or CUAP.
Informal training	Delivery that occurs outside of quality assured organisations.
IELTS	International English Language Testing System
ITO	Industry Training Organisation
ITF	Industry Training Fund
ITP	Institute of Technology and Polytechnic
Muka Tangata	Muka Tangata People, Food and Fibre Workforce Development Council
NCEA	New Zealand Certificate of Educational Achievement
NZFOA	New Zealand Forest Owners Association
NZQA	New Zealand Qualifications Authority
NZQF	New Zealand Qualifications Framework
OSH	Occupational Health and Safety
PTEs	Private Training Establishments
RoVE	Reform of Vocational Education
SAC	Student Achievement Component
SAC levels 1 and 2	Student Achievement Component levels 1 and 2 funding
SAC 3+	Student Achievement Component levels 3 and above funding
STM	Standard Training Measure
RSLG	Regional Skills Leadership Groups
The Action Plan	Forestry and Wood Processing Workforce Action Plan 2020–2024
TEC	Tertiary Education Commission
TEI	Tertiary Education Institution
Te Pūkenga	Te Pūkenga – New Zealand Institute of Skills and Technology
TTAF	Targeted Training and Apprenticeship Fund
TUR	Te Uru Rākau - New Zealand Forest Service
WBL	Te Pūkenga Work Based Learning Limited
WDC	Workforce Development Council
YG	Youth Guarantee Funding