



## Tahatū Career Navigator Information for TEO work-based provision

Qualifications and courses are important in careers planning because they enhance skills, increase earning potential and provide a clear roadmap for career growth in a constantly evolving job market. Tahatū Career Navigator helps people find the qualifications they need for any career idea, and the best study and training pathways to get there.

Tahatū is built on a model of connection, showing links and pathways between study, training and work.

This infosheet is specifically for **work-based provision** (referred to as **training** in Tahatū Career Navigator).

We have prepared a separate infosheet for **provider-based provision** (referred to as **study** in Tahatū Career Navigator).

### Where our data comes from

#### 3 core sets of data

Tahatū is built around 3 core sets of data. These are:

- School subjects – using NCEA achievement standards data from the New Zealand Qualifications Authority (NZQA).
- Career ideas – using data about jobs and pay from Statistics New Zealand's population Census data, Statistics New Zealand's Integrated Data Infrastructure (IDI) database and Inland Revenue data.
- Qualifications and courses – using information TEOs provide to TEC.

For more information about where our data comes from, visit <https://tahatu.govt.nz/our-data>

#### The data sets connect with each other

Tahatū connects these 3 sets of data to show clear pathways between school, qualifications and the world of work. It shows people how they can get to where they want to be, step by step.

People can see what subjects others took at school before they started a particular qualification and find out what qualifications they need for a particular career idea in just one click.

- School to tertiary: Connecting NCEA attainment and subjects to qualifications and courses.
- Work to tertiary: Connecting career ideas to qualifications and courses.
- Tertiary to tertiary: Connecting different levels of qualifications and courses.

## How qualifications are displayed

### Qualifications are displayed in clusters

We've grouped qualifications into related study and training options, which we often refer to as 'clusters'. This means courses with the same qualification type and NZSCED subject area are displayed on the same page.

Cluster pages have been designed to provide summary information to learners about a particular level and field of study or training. This combines information from different providers that offer similar and/or the same course on one page to make it easier for learners to evaluate and make a career decision without feeling overwhelmed.

People can see what options are available in New Zealand in one centralised place, and how the different courses and careers link together.

### Where to find qualification clusters

Qualification clusters are found in the [Study and training](#) section. You can also find them by searching, browsing or clicking off to related pages.

There are **3 layers** of information within the Study and training section. We have used the example of Apprenticeships in Mechanical engineering cluster to show the 3 layers of information.



### Example: Apprenticeships in Mechanical engineering



**Layer 1** displays the study and training categories on the [Explore study and training](#) page.



**Layer 2** displays the related study areas within a selected study and training category.

The example below shows the study areas under the selected 'Engineering' study and training category.

**Engineering  
Pūhanga**

**Health  
Hauora**

## Engineering Pūhanga

✕ Close

Engineering is the study of the design, composition, manufacture, maintenance and functioning of machines, products, systems and structures. It includes measuring and mapping the Earth's surface and its features.

**Aerospace engineering and technology**

**Automotive engineering and technology**

**Civil engineering**

**Electrical and electronic engineering and technology**

**Geomatic engineering**

**Manufacturing, engineering and technology**

**Maritime engineering and operations**

**Mechanical and industrial engineering and technology**

**Process and resources engineering**

**Other engineering studies**

**Hospitality and personal  
services  
Manaakitanga me ngā ratonga  
whaiaro**

**Information technology  
Hangarau mōhiōhio**

**Layer 3** displays the qualification clusters associated with that subject area. They can be found by clicking on a subject area when browsing, or by using the search function.

Note: Tahatū will only display a qualification cluster for a subject area if a provider currently offers a course in it.


## Mechanical and industrial engineering and technology

### Pūhanga me te hangarau pūkaha, ahumahi hoki

Mechanical and industrial engineering and technology is the study of how to plan, design, develop, make and maintain machines, mechanical plants and systems, and metal products.

[Home](#) ▶ [Study and training](#) ▶ [Explore study and training](#)

♡ Save to kete



#### You might learn about

- ✦ analysing stress on machinery and equipment
- ✦ investigating and analysing materials
- ✦ designing and drafting mechanical components
- ✦ reading blueprints and specifications
- ✦ how to calculate dimensions and tolerances

#### Your focus could be

##### Tō tino arotahi

Heavy machine operation

Whakahaere mīhini nui

▼

Industrial engineering

Pūhanga ahumahi

▼

Mechanical engineering

Pūhanga manawa

▼

Welding and metalwork

Kāhono me te hanga maitai

▼

Other mechanical and industrial engineering and technology

Ētahi atu pūhanga me te hangarau pūkaha, ahumahi hoki

▼

How work-based training clusters are displayed

Example: Apprenticeships in Mechanical engineering

See below screenshots showing the information displayed in work-based training cluster pages.

# Apprenticeships in Mechanical engineering

## Ngā piatanga mō te Pūhanga manawa

**Examples**  
NZ Cert in Mechanical Engineering (Trade), NZ Cert in Dairy Systems (Engineering), NZ Cert in Composites

Learn on the job and get experience in your industry

Home > Study and training > Explore study and training > Mechanical and industrial engineering and technology

Save to kete

Train for 3–4 years	Anyone 16+ with employer's support	Training minimum wage or more <small>Fees may apply</small>
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What's this study or training like?


How can you get into this study or training?

How can you pay for your study or training?

### Who can you study or train with?

**Ka taea e koe te ako, te whakangungu rānei ki tēhea whakahaere?**

7 training providers offer Apprenticeships in Mechanical engineering



ATNZ  
ATNZ offers training and apprenticeships in engineering and manufacturing.

Ara I Te Pūkenga  
Vocational training institute

Competenz | Te Pūkenga  
Competenz offers training and apprenticeships in a range of industries.

MAST Academy  
MAST Academy offers training and apprenticeships in marine and related industries.

Nelson Marlborough Institute of Technology

Toi Ohomai Institute of Technology

Universal College of Learning

## Other study and training options in Mechanical engineering

Ētahi atu kōwhiringa ako me te whakangungu mō te Pūhanga manawa

Study



### Entry certificates Ngā pōkaitahi whakauru

Level 1-3

Study for 1 year

Fees \$7.1K-\$8.4K

Training



### Entry training Te whakangungu tīmata

Level 2-3

Train for 2 years

Fees May apply

✕ Earn while you learn

Training



### Intermediate and advanced training Te whakangungu wawaenga me te whatutoto

Level 4-6

Train for 3-4 years

Fees \$6.2K-\$8.4K

✕ Earn while you learn

Study



### Advanced certificates and diplomas Ngā pōkaitahi me ngā pōkairua whatutoto

Level 5-7

Study for 2 years

Fees \$8K-\$17K

Study



### Bachelor's and Honours degrees Ngā tohu Paetahi me ngā Tāhū Paerua

Level 7-8

Study for 3-4 years

Fees \$22K-\$35K

Study



### Postgraduate certificates, diplomas and Honours degrees Ngā pōkaitahi me ngā pōkairua tautara me ngā Tāhū Paerua

Level 8

Study for 9-12 months

Fees \$6.4K-\$11K

Study



### Master's degrees Ngā tohu Paerua

Level 9

Study for 2 years

Fees \$10K-\$16K

Study



### Doctoral degrees Ngā tohu Kairangi

Level 10

Study for 4 years

Fees \$32K-\$34K

## Work-based training cluster pages: Who can you study or train with

We have used the **Apprenticeships in Mechanical engineering** cluster as an example to show some key pieces of information shown in the cluster as below.

Within cluster, you'll see some examples. These are some of the names of the qualifications offered by providers in a cluster. Only a selection of qualification names are used as examples so learners are not overwhelmed. The selection of names are based on how many students have previously studied that qualification.

 Earn while you learn

# Apprenticeships in Mechanical engineering




## Ngā piatanga mō te Pūhanga manawa

**Examples**  
NZ Cert in Mechanical Engineering (Trade), NZ Cert in Dairy Systems (Engineering), NZ Cert in Composites

Learn on the job and get experience in your industry

## Key study information

On the summary page for work-based training clusters, 3 key pieces of information are displayed:

<b>How long it takes</b>	<b>Who it's for</b>	<b>What you'll get paid</b>
		
<b>Train for 3-4 years</b>	<b>Anyone 16+ with employer's support</b>	<b>Training minimum wage or more</b>
		Fees may apply

## What's this study or training like?

This section includes information about training, what people do on the job, paying for training, and study and training providers. See screenshots below, again using the Apprenticeships in Mechanical engineering work-based training cluster as an example.

### What's this study or training like?



These courses develop your ability to design, construct and maintain mechanical equipment and systems like production machinery, energy-conversion devices, materials-handling equipment and vehicles.

#### Training level

2 3 **4** 5 6

An apprenticeship can get you a New Zealand Certificate at Level 4.

[About qualification levels](#)

#### What you will do

Apprentices usually

- ▶ learn on the job
- ▶ do courses in person or online
- ▶ do practical and written assessments



#### Paying for study and training Te utu i ngā mahi ako me te whakangungu

Find out study and training costs and ways you can pay.



#### Study and training providers Te ako me ngā kaiwhakarato whakangungu

Find out what different study and training providers can offer.



## How can you get into this study or training

Below is an example of information you'll see about what you need to do before pursuing Apprenticeships in Mechanical engineering.

### How can you get into this study or training?

You can find a path towards study or training whether you're in or out of school.

#### Get ready for work

**In school**

- ✦ Work skills
- ✦ School subjects

**Out of school**

- ✦ Training or study
- ✦ Work experience

#### Find a job

Ask your employer to support your training

#### Choose a training provider

Check entry requirements

Sign the agreement and get started

#### Get ready for work

**In school**

**Choose school subjects**

**Most common subjects**

- ✦ Construction and mechanical technologies
- ✦ English
- ✦ Physics

For some training and apprenticeships you need specific NCEA subjects.

Vocational Pathways can help you choose subjects that lead to a particular industry.

[Choosing NCEA subjects](#)

**Develop work skills**

Talk with your school career adviser about Gateway, trades academies and other options for developing work skills.

[Combine school with work or training](#)

#### Out of school

**Training or study**

Getting a Level 1-3 entry certificate can increase your chances of finding work or training opportunities.

[Upskilling after you leave school](#)

**Get work experience**

Work experience is a good way of getting into an industry. It can lead to training and job opportunities.

[How to get work experience](#)

Do you need to add the para about "If NCEA is a prerequisite...."???

There is no explanation provided for the following page on "Who can you study or train with?"

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## Who can you study or train with?

Ka taea e koe te ako, te whakangungu rānei ki tēhea whakahaere?



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### **Nelson Marlborough Institute of Technology**



### **Toi Ohomai Institute of Technology**



### **Universal College of Learning**



## How can you pay for your study or training

This information includes a link to an advice page on [Finding and applying for scholarships](#) and [Paying for study and training](#).

There are also links to government study/funding support information, such as the [Fees Free | Study or train fees-free](#) website and the [StudyLink](#) website.

Work-based training clusters have a link to a collection of advice pages on: [Study and training providers](#)

### How can you pay for your study or training?



Training on the job means earning while you learn. Trainees and apprentices are paid the training minimum wage or more, depending on age and experience.

You may need to pay fees to do training. Some employers may pay your fees.



#### Study and training providers Te ako me ngā kaiwhakarato whakangungu

Find out what different study and training providers can offer.



#### Paying for study and training Te utu i ngā mahi ako me te whakangungu

Find out study and training costs and ways you can pay.

### Get support from the Government

Discover what student loans, allowances and government funding you can get to help you pay for study or training.



Fees Free is for first-time learners. You may be able to get 1 year's study or 2 years' training without paying any fees.

[Get support](#)