

Engineering Gateway Programme

Getting Underway

Enrolment

To enrol in this programme, complete the Enrolment Form on our website's Gateway section.

www.atnz.org.nz/gateway

Complete this form digitally or by hand, ensuring you include the learner's full legal name and that the learner and gateway coordinator have signed it. Email digital or scanned copies to gateway@atnz.org.nz

Resources and Assessment

Our learning resources and assessments are accessed online through ATNZ's Canvas portal. Login details will be emailed to the student directly, and your gateway coordinator can request password resets on a learner's behalf. All assessments are marked and submitted to NZQA by our qualified assessors.

Pricing and Payment

The Metalwork Engineering gateway package costs \$350 plus GST per learner. ATNZ will invoice your school directly.

Duration

Learners should engage with work-based learning once a week for ten weeks.

Withdrawal and Refunds

Due to the digital nature of our content, we are flexible with the withdrawal of learners from our gateway programme. If a learner has yet to log into ATNZ's Canvas portal via their unique login, a full refund is provided, less a \$50 (GST Inclusive) administration fee, regardless of time spent in the workplace. If a learner has logged into ATNZ's Canvas portal, no refund is available.

Contact us today if you or someone you know are interested in learning about becoming an engineer.

info@atnz.org.nz
atnz.org.nz



ATNZ Transitions

At ATNZ, we recognise that the transition from school to work can be challenging and confusing for many of our young people.

As New Zealand's largest employer of engineering apprentices and an industry-leading training provider, we are in a unique position to engage with Rangitahi towards a fulfilling engineering career. Our team can help you and the young people you work with with work experience, job seeking, CV writing, and interviews.

ATNZ is New Zealand's largest employer of engineering apprentices. Students who complete this programme are strong candidates to pathway towards an apprenticeship.

Welding Simulation

ATNZ has a suite of welding simulators already delivering industry-quality training to New Zealand businesses. We are excited to be able to offer this service to New Zealand schools as well.

Our welding simulators are the perfect tool to introduce basic and complex welding to young learners. They eliminate material usage and offer real-time feedback on hand/body position and weld quality – things challenging to do with a single teacher in a workshop.

If you are looking to deliver a future-focused education in your technology classes, or interested in an engaging draw card for an exciting event, email us at: info@atnz.org.nz

We recommend that learners and gateway coordinators make contact with their host employer to discuss what safety precautions they might need onsite. They might require:

- Steel-capped boots
- Safety glasses
- High-vis vest
- Long-sleeved tops & pants
- Clean drug/alcohol test



Engineering Gateway Programme

Hands-on jobs for hands-on people

Are you interested in working with your hands?

Do you like making and fixing things?

You might be more suited to a career in engineering than you think.

- ATNZ is the biggest employer of Engineering Apprentices in New Zealand.
- ATNZ manage over 450 apprentices right across New Zealand.
- We are always looking for more young people with a great attitude.
- Completing a Gateway engineering course is a great first step towards getting an apprenticeship.

Course detail

UNIT	TITLE	LEVEL	CREDITS
29675 (Version 1)	Demonstrate knowledge of safety when lifting loads in engineering installation, maintenance, and fabrication work	2	2
29670 (Version 1)	Demonstrate knowledge of fabrication machinery, materials, and processes	2	3
29397 (Version 1)	Demonstrate knowledge of basic trade calculations and units of measure for mechanical engineering trades	2	4
29651 (Version 1)	Demonstrate knowledge of health and safety when welding and thermal cutting	2	3
			12

Metal Work Engineering

What are Engineers?

Most things around you have had an engineer plan some of its construction. Engineers work with their hands, design production lines, and fully automate manufacturing processes.

In this Gateway course, you will learn how to safely construct and care for things made out of metal, readying you for an apprenticeship in engineering.

Key Skills of an Engineer

- Selecting materials for use in construction and manufacture based on their varying qualities.
- Preparing and caring for metal.
- Welding.
- Reading, interpreting and drawing plans.
- Build, install, repair and replace various machines.
- Operate heavy machinery and power tools safely.



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