

New Zealand Certificate in Mechanical Engineering (Level 3)

Gain skills to build, maintain and operate mechanical engineering equipment and plant. Learn maintenance fitting, welding, fitting and turning, sheet metal work and fabrication. Use the machinery that is used in the industry. Work on your own projects to develop your skills further.

Most of your learning is in the workshop with around three hours of theory each week. Work on projects to develop your skills further. Use the different machinery that is used in the industry. Our students have gone on to work on everything from buildings to coffee machines.

What you will learn

- Gain skills in fabrication - learn the behaviours of materials and how to shape and structure metal
- Carry out machining processes to manufacture a variety of parts and learn how to fit together equipment
- Gain knowledge and practical experience in a variety of welding disciplines
- Carry out and apply engineering calculations
- Read, interpret and produce engineering drawings
- Understand health and safety requirements

Career options

- Apprentice fitter and turner
- General engineer
- Fabricator
- Machinist
- Sheet metal worker
- Welder
- Toolmaker

[Hear from our Graduates](#)

Enrol now!



Programme Dates

01/03/2021 (Petone)
12/07/2021 (Petone)



Duration

1 year, full-time



Domestic Fees

FREE under TTAF*



Campus

Petone

More info

whitireia.ac.nz
weltec.ac.nz
teauaha.com



Contact Us

enrolments@whitireia.ac.nz
0800 WHITIREIA (944 847)

enrolments@weltec.ac.nz
0800 WELTEC (935 832)



Entry criteria

Under 20

- 10 NCEA Level 1 credits literacy and 10 NCEA Level 1 credits numeracy (algebra, trigonometry, measurement recommended). Applicants must be able to carry out the physical requirements of the programme.

20+

- If you're 20 years or over, you may qualify for special admission on this programme. Contact us if you don't meet the Under 20 entry criteria

Further study options

New Zealand Certificate in Engineering Fabrication (Managed Apprenticeship)

Government's Targeted Training and Apprenticeship Fund (TTAF)

These programmes are FREE under TTAF, covering; compulsory tuition fees, compulsory course costs and compulsory student services fees.

Visit tec.govt.nz for more information about TTAF.



Enrol now!

Campuses

Porirua Campus

3 Wi Neera Dr
Porirua

School of Construction

18 Western Hutt Rd
Petone

Petone Campus

21 Kensington Ave
Petone

School of Hospitality

52 Cuba St
Wellington

Te Kāhui Auaha

65 Dixon St
Wellington



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Whitireia
NEW ZEALAND



WelTec