

NEW ZEALAND CERTIFICATE IN WELDING (LEVEL 3)

This programme is for those who are interested in pursuing a career in welding and is suited for either those new to the industry or those already in the industry.

This programme will provide ākonga with the necessary knowledge, understanding and practical skills that will enable graduates to safely perform basic welding tasks.

GRADUATE PROFILE

Graduates of this qualification will have knowledge and skills that will assist them into an entry roles in the welding, fabrication, steel construction or mechanical engineering industries. This qualification is a great foundation for those wanting to progress on to an apprenticeship in these industries as well.

COURSE OVERVIEW - 61 CREDITS

2671	Weld steel structures in the downhand positions using the manual metal arc welding process
2672	Weld steel to a general purpose industry standard using the gas metal arc welding process
2676	Weld stainless steel sheet using the gas tungsten arc welding process
2682	Weld steel in the downhand positions to a general purpose industry standard using the manual metal arc welding process
21907	Demonstrate knowledge of welding principles and quality control and safe welding practice under supervision

22906	Demonstrate knowledge of welding and weld low carbon steel
22907	Demonstrate and apply knowledge of welding aluminium and stainless steel
29397	Demonstrate knowledge of basic trade calculations and units of measure for mechanical engineering trades
29550	Demonstrate basic knowledge of common engineering metals
29551	Demonstrate knowledge of the strength, mechanical properties, and treatment of engineering metals
30283	Weld steel structures in the downhand positions using the gas metal arc welding process
30665	Demonstrate and apply knowledge of workplace communication in mechanical engineering trades
33134	Identify and calculate trade calculations to solve problems for welding engineering trades
33135	Demonstrate knowledge of safety and health while welding and thermal cutting

ENTRY CRITERIA

Eligible ākonga must be one of the following:

- (ii) a Domestic Student, or
- (iii) an Australian citizen or Australian permanent resident currently residing in New Zealand

Please note:

- All eligible candidates will be interviewed prior to enrolment to ensure the programme is suitable and meets the needs of the candidates.