

## MECHANICAL ENGINEERING

Want to join the diverse and growing engineering industry but not sure which path to take? This is a great pathway to get a taste of the growing Engineering field.

### ENGINEERING / LEVEL 2

This comprehensive one-year course while still being at school will give you a great start and teach you a variety of industry valued skills making you a valuable candidate to pathway into the NZC in Engineering L3 or gain employment in the engineering industry.

Course delivery: terms 1-3, 1 day per week, ROT, TGA.

UNIT STD	MECHANICAL ENGINEERING	LEVEL	CREDITS
	<b>Mechanical Engineering Core Skills</b>		13
21911	Demonstrate knowledge of safety on engineering worksites		2
21912	Apply safe working practices on an engineering worksite		2
4433	Select, use, and care for simple measuring devices used in engineering		2
2395	Demonstrate and apply knowledge of the selection, use, and care of engineering hand tools		4
4436	Select, use, and care for engineering marking-out equipment		3
	<b>Mechanical Engineering Workshop Skills</b>		12
14866	Demonstrate workshop skills for mechanical engineering		12
	<b>TOTAL CREDIT VALUE</b>	<b>2</b>	<b>25</b>

#### COURSES PATHWAY TO FURTHER STUDY IN:

NZ Certificate in Mechanical Engineering (Level 3), NZ Certificate in Mechanical Engineering (Trade) (Level 4) NZ Certificate in Engineering Fabrication (Level 4), NZ Diploma in Engineering (Level 6) Civil Engineering; Electrical Engineering; Mechanical Engineering.

#### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Manual and CNC Machining of multiple material types in a manufacturing workshop. Fabrication and welding of steel and stainless-steel components in structural steel building and construction, transport, automotive, marine and dairy industries. Fabrication and welding of Aluminium products in the boat building and transport industry's, Plant maintainer/ service technician in the food processing, pulp and paper, power generation, Dairy and forestry sectors.

