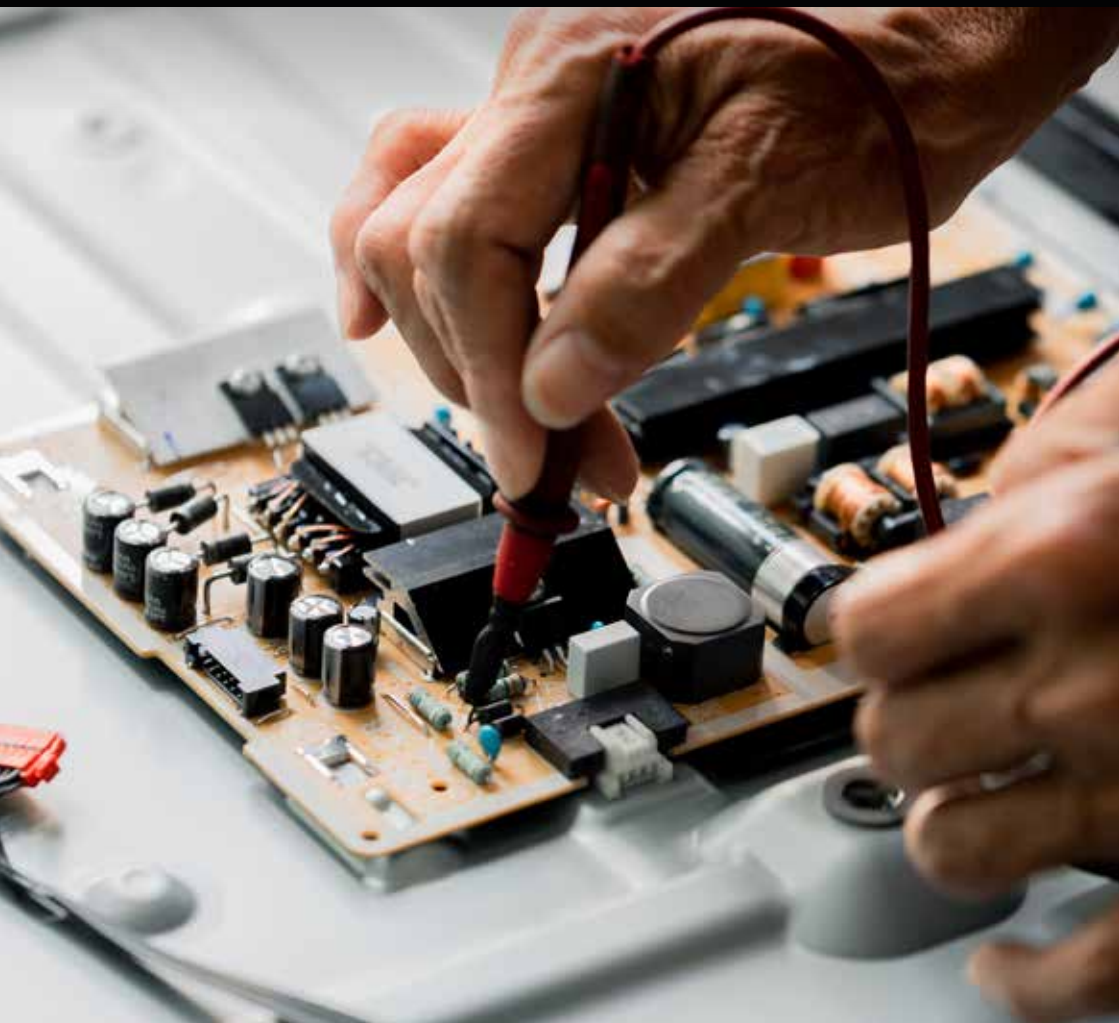


# Manufacturing and Technology

Level 2



# Manufacturing and Technology (Level 2)

In this Level 2 course, you will build a project gaining knowledge in a variety of skills relating to automotive, electrical, and mechanical engineering. Personal protective gear will be provided

Location: Hamilton Rotokauri Campus, Kopu Campus, Ōtorohanga Campus		
Level 2	31 Weeks	Credits
<b>Automotive</b>		
229	Identify the general locations and functions of motor vehicle systems and main components	4
21688	Demonstrate knowledge of disassembling and reassembling a four stroke multi-cylinder engine	3
21718	Demonstrate knowledge of hazardous materials used in the motor and related industries	2
21671	Carry out general engineering tasks in the automotive industry	4
<b>Electrical</b>		
15849	Perform manual soldering and de-soldering procedures for electrotechnology work	2
5922	Use cutting tools and machines in the performance of electrical installation and maintenance	2
<b>Engineering</b>		
29730	Apply good work practices when performing basic fabrication operations under supervision	6
02395	Select, use, and care for, engineering hand tools	4
21911	Demonstrate knowledge of safety on engineering worksites	2
Total NZQA Credits		29

## How do I enrol?

If you are interested in studying at Waikato Trades Academy (WTA), please speak to your school's career advisor. They will discuss your options and how studying one-day-a-week at WTA will work around your school subjects. Your advisor is responsible for contacting WTA on your behalf to secure a place.

**If you are interested, please ask your career's advisor to email [wta@wintec.ac.nz](mailto:wta@wintec.ac.nz). Or visit [wintec.ac.nz/wta](http://wintec.ac.nz/wta) to find out more.**