

New Zealand Certificate in Automotive Engineering (NZCAE) Level 3 for 2025

Compulsory tools

Note: It may be possible to save money by purchasing a pre-assembled toolbox kit that includes tools listed above (you may need to add or remove tools as required)


Item	Qty.	Time
Tool box with padlock	1	From day 1
24oz Soft Faced hammer	1	
16oz ball pein hammer Optional	1	
Diagonal cutting pliers 200mm Optional	1	
Long nose pliers 200mm	1	
Combination pliers 200 mm	1	
Cutter pliers (200mm)	1	
Multi (Poly) grips 250mm	1	
Vice grips 250mm Optional	1	
Punch & chisel set Optional	1	
12mm brass drift or set Optional	1	
Screwdriver set in case - positive, straight, torx	1	
3/8 Drive Socket set 6 - 24mm metric	1	
3/8 drive power bar	1	
Combination spanner 8 - 22mm	1	
Feeler gauge 32 blade tapered	1	
Cir Clip Plier set	1	
Multi-meter	1	
Telescopic magnet	1	

SAFETY CLOTHING (PPE - Personal Protection Equipment)

Item	Qty.	Time
Safety Glasses	1	From day 1
100% Cotton Automotive overalls	1	
Steel cap boots (Safety boots)	1	

Supplier information

Here are some places you can purchase the tools and PPE gear from, but you can buy them from anywhere. Order them online or visit the store.

Supplier address and contacts	
Supplier information	
Name	NZ Safety Blackwoods
Address	559 Rosebank Rd, Avondale, Auckland 1026
Supplier information	
Name	The Warehouse
Address	[St Lukes store] 7 Wagener Place, Mt Albert, Auckland 1025
Supplier information	
Name	Deane Apparel
Address	142 Plunket Avenue, Manukau, Auckland 2104
Supplier information	
Name	SULCO Tools & Equipment
Address	10rb Avenue, Manukau, Auckland 2104

Other resources

For note-taking and study
Laptops, Notebooks or Net books
Stationery

Please Note: -

Remember to arrange your own insurance to cover your tools, it is your responsibility to look after your tools while at Unitec. (Insurance maybe included in home contents insurance ask your parent/guardian about this.)