

New Zealand Certificate in Automotive Engineering (NZCAE) Level 3

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 | 1 | |
| Diagonal cutting pliers 200mm | 1 | |
| Long nose pliers 200mm | 1 | |
| Combination pliers 200 mm | 1 | |
| Cutter pliers (200mm) | 1 | |
| Multi (Poly) grips 250mm | 1 | |
| Vice grips 250mm | 1 | |
| Punch & chisel set | 1 | |
| 12mm brass drift or set | 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.)