

AUTOMOTIVE ENGINEERING / LEVEL 3

You'll get plenty of hands-on practice during this practical automotive course. Starting with the basics, you'll develop a full range of skills to service and repair all makes and models. We'll show you how to disassemble, measure and reassemble an engine. You'll also service engine transmission and driveline systems, and brake, steering and suspension systems. Ideally you would have already done STP1 or STP2 before starting this course.

Course delivery: terms 1-3, 2 days per week, ROT, TPO, TGA, TOK, WHK if sufficient numbers.

UNIT STD	NZC AUTOMOTIVE ENGINEERING	LEVEL	CREDITS
	Automotive Workshop Safety		6
3856	Identify emergency procedures in the motor and related industries		2
29580	Demonstrate good work habits and safe work practices in the automotive industry		4
	Basic Workshop Engineering Tasks, Tools and Equipment		9
21684	Use a MIG welding plant in the motor industry		3
21685	Use an oxy-acetylene welding plant in the motor industry		3
30570	Demonstrate knowledge of welding in the motor industry		3
	Engines		3
24275	Disassemble, inspect, and reassemble an engine short block under general supervision		3
	Engine Systems		12
30478	Demonstrate knowledge of automotive lubricants		2
30479	Service an automotive cooling system		3
30480	Demonstrate knowledge of automotive cooling systems and engine coolant		2
30436	Demonstrate knowledge of an electronic fuel injection (EFI) system		2
30434	Service a vehicle or machine		3
	Driveline systems		7
24689	Carry out routine maintenance on automotive automatic transmissions		4
30516	Replace driveline components		3
TOTAL CREDIT VALUE		2-3	37

COURSES PATHWAY TO FURTHER STUDY IN:

NZ Certificate in Automotive Engineering (Level 3) - Managed Apprentices
NZ Certificate in Automotive Electrical Engineering (Level 4)

TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Automotive Apprenticeship, Automotive Sales, Automotive Servicing, Brake Servicing, Panel Beaters, Tyre Servicing, Warrant of Fitness Testing

