

Qualification details

Title	New Zealand Certificate in Automotive Engineering (Level 3)		
Version	1	Qualification type	Certificate
Level	3	Credits	120
NZSCED	030503 Engineering and Related Technologies > Automotive Engineering and Technology > Vehicle Mechanics		
Qualification developer	MITO New Zealand Inc.		
Next review	December 2021		
Approval date	November 2015		
Strategic purpose statement	<p>This qualification provides the automotive industry with individuals who can service general automotive systems.</p> <p>The qualification is designed for people who are beginning a career in the industry.</p> <p>Graduates of this qualification will be able to work under limited supervision.</p>		
Outcome Statement	Graduate profile	<p>Graduates will be able to:</p> <ul style="list-style-type: none"> Follow workplace policies, procedures and relevant regulations to work safely and effectively in an automotive workshop. Use tools and equipment to complete basic workshop engineering tasks. Apply fundamental automotive engineering knowledge to service engine, and driveline systems. Check operation of, and perform minor repairs on, electrical and electronic systems Apply fundamental automotive engineering knowledge to service steering, suspension and brake systems. 	
	Education pathway	This qualification can lead to level 4 qualifications in automotive engineering.	
	Employment pathway	Graduates of this qualification will have the skills and knowledge to work in an entry level position in the automotive industry.	

Qualification specifications

Qualification award	This qualification can be awarded by any education organisation which has an approved programme of study or industry training programme leading to the qualification.
Evidence requirements for assuring consistency	<p>Evidence will include:</p> <ul style="list-style-type: none"> End user surveys (e.g. graduates, employers, industry

	<p>associations) to determine how well graduates are meeting the outcomes in the workplace</p> <ul style="list-style-type: none"> - Evidence of monitoring to ensure changes in industry practice are identified and incorporated into training requirements. - Evidence of effective internal and external moderation of assessment practice.
Minimum standard of achievement and standards for grade endorsements	Achieved
Other requirements for the qualification (including regulatory body or legislative requirements)	Recommended as a co-requisite: Class 1 full drivers Licence

General conditions for the programme leading to the qualification

General conditions for programme	<p>It is expected that:</p> <ul style="list-style-type: none"> - Programmes will include a practical experience component relevant to the automotive industry - Programmes must maintain pace with workplace policies and currently-accepted industry techniques/technology. - Programme content must reflect current legislation, regulations and industry standards. - Additional guidance on specific conditions relating to some or all of the graduate profile outcomes is published on MITO NZ's website.
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Conditions relating to the Graduate profile

	Qualification outcomes	Conditions
1	Follow workplace policies, procedures and relevant regulations to work safely and effectively in an automotive workshop. 10 credits	
2	Use tools and equipment to complete basic workshop engineering tasks. 15 credits	
3	Apply fundamental automotive engineering knowledge to service engine, and driveline systems. 30 credits	
4	Check operation of, and perform minor repairs on, electrical and electronic systems. 40 credits	
5	Apply fundamental automotive engineering knowledge to service steering, suspension and brake systems. 25 credits	

Transition information

Replacement information	<p>This qualification replaced the::</p> <ul style="list-style-type: none"> - National Certificate in Motor Industry (Foundation Skills) (Level 1) [Ref: 1222] - National Certificate in Motor Industry (Entry Skills) (Level 2) with strands in Automotive Electrical and Mechanical, and Collision Repair [Ref: 1252] - National Certificate in Motor Industry (Vehicle Servicing) with strands in Brake and Clutch, Exhaust Systems, Radiator Repair, Steering and Suspension, Tyres, Underbody and General Service, and Vehicle Security, and with an optional strand in Heavy Vehicle [Ref:1420]
<p>The last date for entry into the replaced qualifications is 31 December 2017. The last date for assessment against the replaced qualifications is 31 December 2019.</p>	