

**Automotive training programme  
for secondary school students**

# **STARTUP<sup>®</sup>** **YOUR ENGINES**

**Gain micro-credentials approved by  
NZQA - with eLearning and practical  
learning in an automotive workshop**





# A GREAT OPPORTUNITY FOR YEAR 11 TO 13 STUDENTS

**StartUp® offers secondary school students the chance to earn micro-credentials approved by NZQA, credits towards NCEA, and a great introduction to the workplace. Supported by MITO, in partnership with secondary schools and local businesses, StartUp® has both theory eLearning and practical learning in an automotive workshop (light vehicle, heavy vehicle or collision repair). It's just like a mini-apprenticeship!**

StartUp® allows students to gain up to 41 credits towards NCEA Levels 2 and 3.

StartUp® is designed to be completed over two years - the first year completing the Ignition programme and the second year completing the Accelerate programme. For the Accelerate programme there are two strands: Automotive Engineering or Collision Repair and Refinishing. Upon completion students will achieve a micro-credential - approved by NZQA and listed on their NZQA New Zealand Record of Achievement.

## **Ignition programme | Automotive Micro-credential (Level 2)**

The Ignition programme includes the unit standards listed below. The practical assessment is completed in a workplace. Upon completion the student will gain the StartUp® Ignition – Automotive Micro-credential (Level 2, 20 credits).

UNIT STANDARD	TITLE	LEVEL	CREDITS	eLEARNING	PRACTICAL
21857	Identify the occupational areas and structure of the New Zealand motor industry	2	2	√	
21718	Demonstrate knowledge of hazardous materials used in the motor industry	2	2	√	
29579	Demonstrate knowledge of good work habits and safe work practices in the automotive industry	2	4	√	
30475	Demonstrate knowledge of motor industry engineering tasks	2	2	√	
30476	Demonstrate knowledge of tools and equipment used in the motor industry	2	2	√	
29578	Demonstrate knowledge of automotive braking, steering and suspension system components in the collision repair industry	3	3	√	
29576	Demonstrate knowledge of digital imaging requirements in the collision repair industry	3	1	√	
29580	Demonstrate good work habits and safe work practices in the automotive industry	2	4		√

## Accelerate programme

The student chooses which strand they wish to complete: Automotive Engineering or Collision Repair and Refinishing, depending on the type of workplace placement.

To complete the Accelerate programme the student should complete the Ignition programme and complete the unit standards listed below for their selected strand. Upon completion the student will gain one of the following:

- StartUp<sup>®</sup> Accelerate – Automotive Engineering Micro-credential (Level 3, 21 credits)
- StartUp<sup>®</sup> Accelerate – Collision Repair and Refinishing Micro-credential (Level 3, 21 credits)

### Strand: Automotive Engineering | Automotive Engineering Micro-credential (Level 3)

UNIT STANDARD	TITLE	LEVEL	CREDITS	eLEARNING	PRACTICAL
30478	Demonstrate knowledge of automotive lubricants	2	2	√	
30477	Demonstrate knowledge of petrol and diesel engines	3	4	√	
30570	Demonstrate knowledge of welding in the motor industry	3	3	√	
30435	Demonstrate knowledge of vehicle emissions	3	4	√	
30436	Demonstrate knowledge of an electronic fuel injection (EFI) system	3	2	√	
30437	Demonstrate knowledge of the operation of a diesel fuel system	3	2	√	
21869	Remove and replace road wheels on a vehicle	2	1		√
30434	Service a vehicle or machine	3	3		√

### Strand: Collision Repair | Collision Repair and Refinishing Micro-credential (Level 3)

UNIT STANDARD	TITLE	LEVEL	CREDITS	eLEARNING	PRACTICAL
29709	Demonstrate knowledge of bolted-on motor body panels and motor vehicle bumpers	3	3	√	
21701	Demonstrate knowledge of exterior and interior motor body parts and trim in the motor industry	2	2	√	
21714	Demonstrate knowledge of fastening systems used in the motor industry	2	2	√	
21869	Remove and replace road wheels on a vehicle	2	1		√
21709	Remove and replace damaged bolted-on motor body panels in the motor industry	3	3		√
21715	Select and use fastening systems in the motor industry	2	2		√
29573	Carry out pre-strip procedures in the collision repair industry	3	4		√
23999	Reinstate vehicle body corrosion protection in the motor industry	3	4		√

### What is the fee per student?

The fee for each programme is \$200\* per student, per year. This covers the eLearning theory and practical assessment (managed by MITO) along with the support the school and students receive from sign-up to completion.

### Can students enrol in StartUp® through Gateway, STAR and 3+2?

Yes! StartUp® is eligible for Gateway and STAR funding.

StartUp® unit standards can apply to the 3+2 programme for Year 13 students that have achieved NCEA 2. With the 3+2 programme the student is enrolled three days at school and is then signed into a training agreement with MITO for the remaining two days and in paid employment at a business that is able to support the practical learning required for StartUp®.

### What is a micro-credential?

Smaller than a qualification, micro-credentials certify achievement of a specific set of skills and knowledge and are approved by NZQA.

### How does the student access eLearning?

The student will require a unique email address and access to an internet-enabled computer, tablet or mobile phone. After enrolment the student will receive an email with their log-in details to MITO's learning management system.

### Get me started!

Call MITO's Vocational Careers Advisor on 0800 88 21 21 or email [info@mito.org.nz](mailto:info@mito.org.nz) to get the enrolment process underway.

## SUITABLE FOR

✓ Gateway ✓ 3+2

✓ Aspiring automotive technicians (car mechanics), heavy automotive technicians (truck mechanics) motorcycle technicians, outdoor power equipment technician, collision repair technicians (panelbeaters) and automotive refinishers (car painters).

### About MITO

MITO is the industry training organisation for the automotive, transport, logistics and extractive industries. Each year, MITO helps thousands of New Zealanders gain the knowledge and skills they need to succeed in their careers.

0800 88 21 21 | [info@mito.org.nz](mailto:info@mito.org.nz) | [mito.org.nz](http://mito.org.nz)

\* Excludes GST and is valid for 2021