



**FAIRVIEW  
EDUCATION™**

# Introduction to Automotive Engines level 2 Online

**Fairview Education is proud to introduce an exciting new online distance learning program.**

This program is designed to provide students with an in-depth understanding of automotive technology, offering them the opportunity to progress to the level 3 automotive pre-trade qualification. You can now explore the world of automotive technology from home or work, enabling you to balance your studies with your other commitments.

With a comprehensive curriculum and dedicated instructors, this program equips you with the knowledge and skills required to step into the automotive world. The opportunity to advance to the level 3 automotive pre-trade qualification opens doors to more advanced learning and promising career prospects in this dynamic field. Fairview Education is committed to delivering high-quality education and staying at the forefront of innovative teaching methods, making this program an excellent choice for those looking to pursue a career in automotive technology.



## Advantages of the online product

- Video and PowerPoint lessons per unit standard
- 2 X ½ hr live Q&A sessions via teams per week
- Flexible learning
- 24hr access
- Integrated assessment
- Personalised student feedback
- Comes with a printed workbook
- Pathways to the level 3 automotive pre-trade qualification

## Requirements

- Internet
- Headphones are recommended

## Price

- Unit Standard \$89
- Pack per \$356

## Duration

- 14 weeks

# Level Two Automotive Packs

## PACK 1: STARTER

*Ideal pack for students considering entering the motor industry*

Unit	Title	Level	Credit	Assessment
21674	DKO terminology used in the motor industry	2	2	Theory
21718	DKO hazardous materials used in the motor industry	2	2	Theory
21857	Identify the occupational areas and purpose of the NZ motor industry	2	2	Theory
29579	DKO good work habits and safe work practices in the automotive industry	2	4	Theory
30476	DKO tools and equipment used in the motor industry	2	2	Theory
<b>Credit total</b>			<b>12</b>	

## PACK 2: ENGINES

*Introduces students to the main engine principles and their components*

Unit	Title	Level	Credit	Assessment
229	Identify the general locations and functions of motor vehicle systems and main components	2	4	Theory
21668	DKO cleaning automotive components	2	2	Theory
21687	DKO basic tuning on a four stroke petrol engine	2	3	Theory
21688	DKO disassembling and reassembling a four stroke multi-cylinder engine	2	3	Theory
<b>Credit total</b>			<b>12</b>	

## PACK 3: VEHICLE SERVICING

*Introduces students to the main principles of carrying out basic servicing on cars*

Unit	Title	Level	Credit	Assessment
21668	DKO cleaning automotive components	2	2	Theory
21679	DKO interchanging and balancing wheels in the automotive industry	2	2	Theory
21701	DKO exterior and interior motor body parts in the automotive industry	2	2	Theory
30478	DKO automotive lubricants	2	2	Theory
30572	DKO vehicle or machine batteries	2	3	Theory
<b>Credit total</b>			<b>11</b>	

## PACK 4: ENGINEERING

*Introduces students to the main principles of automotive engineering and the use of workshop tools and equipment*

Unit	Title	Level	Credit	Assessment
21668	DKO cleaning automotive components	2	2	Theory
21718	DKO hazardous materials used in the automotive industry	2	2	Theory
29579	DKO good work habits and safe work practices in the automotive industry	2	4	Theory
30475	DKO motor industry engineering tasks	2	2	Theory
30476	DDKO tools and equipment used in the motor industry	2	2	Theory
<b>Credit total</b>			<b>12</b>	

## PACK 5: MOTORCYCLES

*Tailored for students planning careers in the motorcycle repair industry. Please note the units below are not specific motorcycle units but contain content that is relevant to motorcycles as well as cars*

Unit	Title	Level	Credit	Assessment
229	Identify the general locations and functions of vehicle systems and main components	2	4	Theory
21674	DKO terminology used in the motor industry	2	2	Theory
29579	DKO good work habits and safe work practices in the automotive industry	2	4	Theory
30478	DKO automotive lubricants	2	2	Theory
<b>Credit total</b>			<b>12</b>	

## PACK 6: PARTS & ADMINISTRATION

*Useful for students planning careers in parts warehousing, parts sales and vehicle sales*

Unit	Title	Level	Credit	Assessment
248	DKO apprenticeship training agreements and negotiation	2	1	Theory
4261	Identify legal rights and obligations in relation to motor vehicle ownership and operation	2	3	Theory
21674	DKO terminology used in the motor industry	2	2	Theory
21701	DKO exterior and interior motor body parts in the automotive industry	2	2	Theory
29579	DKO good work habits and safe work practices in the automotive industry	2	4	Theory
<b>Credit total</b>			<b>12</b>	

## PACK 7: PANELBEATING

*Tailored pack for students planning careers as panelbeaters or coachbuilders*

Unit	Title	Level	Credit	Assessment
21693	DKO tools and equipment used in the collision repair industry	2	3	Theory
21701	DKO exterior and interior motor body parts in the automotive industry	2	2	Theory
21718	DKO hazardous materials used in the automotive industry	2	2	Theory
29579	DKO good work habits and safe work practices in the automotive industry	2	4	Theory
<b>Credit total</b>			<b>11</b>	

**NB.** Schools can also make up a mix and match pack with a combination of any FE units worth 11 or 12 credits

# Units available in 2024

Unit	Title	Level	Credit
229	Identify locations and functions of motor vehicle systems and main components	2	4
248	Demonstrate knowledge of (DKO) apprenticeship training agreements and negotiation	2	1
4261	Identify legal rights and obligations in relation to motor vehicle ownership and operation	2	3
12349	DKO time management	2	3
15408	DKO motor vehicle documentation and primary systems of a vehicle	2	4
21668	DKO cleaning automotive components	2	2
21672	DKO new and emerging technology in the motor industry	2	5
21674	DKO terminology used in the motor industry	2	2
21679	DKO interchanging and balancing wheels in the automotive industry	2	2
21687	DKO basic tuning on a four stroke petrol engine	2	3
21688	DKO disassembling and reassembling a four stroke multi-cylinder engine	2	3
21693	DKO tools and equipment used in the collision repair industry	2	3
21701	DKO exterior and interior motor body parts in the automotive industry	2	2
21718	DKO hazardous materials used in the motor industry	2	2
21857	Identify the occupational areas and structure of the New Zealand motor	2	2
29579	DKO good work habits and safe work practices in the motor industry	2	4
30475	DKO motor industry engineering tasks	2	2
30476	DKO tools and equipment used in the motor industry	2	2
30478	DKO automotive lubricants DKO vehicle or machine batteries	2	2
30572	DKO vehicle or machine batteries	2	3

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