



FAIRVIEW EDUCATIONAL SERVICES LIMITED



AUTOMOTIVE YOUTH GUARANTEE COURSE 2012



- 🔧 **NZQA Accredited and Registered**
- 🔧 **Industry Based Learning Organisation**
- 🔧 **Training on site of a large dealership**
- 🔧 **NC in Motor Industry (Entry Skills)**

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TELEPHONE 07 849 9828
Email: training@fairviews.co.nz
Website: www.feds.co.nz

NZQA QUALIFICATION

Real Life Situation

This is an industry-based course on site at a large automotive company. The main aim of this course is for students to complete the motor industry recognised pre trade qualification.

The course is structured into six modules. The terminology and safety module contains essential health and safety unit standards that all students must complete at the start of their training. Once students have completed this module they begin to work on the more in depth topics such as brakes, wheels and tyres, engines, vehicle servicing and engineering.

All students will have their numeracy and literacy assessed at the start and at the end of the course. Where gaps are identified our tutors (both our trade and foundation skills tutors) will develop a plan to assist the student to make gains.

Individual tutor/learner evaluations will take place on a termly basis throughout the course. The purpose of these meetings is to talk about student's progress (credits achieved, foundation skills gains), check their goals and discuss any issues that they may have.

YOUR FUTURE

This course prepares students for apprenticeship opportunities in each of the following areas:

- *Automotive Engineering*
- *Automotive Heavy Engineering*
- *Road Transport*
- *Agriculture*
- *Plant and Equipment*
- *Automotive Electrical Engineering*
- *Automotive Machining*
- *Motorcycle Engineering*
- *Power Boat Servicing*
- *Brake Service Engineering*
- *Radiator Repairing*
- *Fuel Injection Engineering*
- *Automotive Air Conditioning*
- *Outdoor Power Equipment Servicing*



It is also a useful qualification for entry into other motor industry occupations such as:

- *Automotive Parts Person*
- *Service Station Attendant*
- *Automotive Dismantler*
- *Motor Vehicle Salesperson*

COURSE DURATION

This is a full time programme.

| | |
|----------------------------|---|
| Course duration: | 42 Weeks |
| Course start date: | 23 January 2012 |
| Course finish date: | 30 November 2012 |
| Start time: | 9.00a.m. |
| Finish time: | 3.30p.m. |
| Recess dates: | 9-13 th April, 2-6 th July, 10-14 th September |

ENTRY REQUIREMENTS

- Candidates are expected to be well-presented, highly motivated and extremely well –disciplined
- Candidates must be at least sixteen years of age and no more than eighteen years of age by 23 January 2012. (Requirement of Tertiary Education Commission)
- Candidate suitability will be determined through the interview process.

APPLICATION PROCESS

If you meet the entry requirements, please forward the following to the Training Services Manager, Fairview Educational Services, Po Box 10244, Hamilton.

- A hand written letter of application.
- A current curriculum vitae.
- All applicants will be invited to attend for an interview.

COURSE FEES 2012

This course is fully funded by the Tertiary Education Commission.

*Please note that all workbooks and writing materials are provided at no charge to the student.

*Please note that boots and overalls are available on a shared basis for student use.

*Assistance with travel costs will also be available.

AUTOMOTIVE YOUTH GUARANTEE COURSE

National Certificate in Motor Industry (Entry Skills) Level 2

To successfully complete this course, students must achieve the following 84 credits:

TERMINOLOGY AND SAFETY

| Unit | Title | Level | Credit |
|-------------|---|--------------|---------------|
| 3856 | Identify emergency procedures in the motor and related industries | 2 | 2 |
| 21674 | Demonstrate knowledge of terminology used in the motor industry | 2 | 2 |
| 16113 | Demonstrate knowledge of safe working practices in an automotive workshop | 2 | 2 |
| 21858 | Demonstrate good work habits and perform safe work practices in the motor and related industries | 2 | 4 |
| 15408 | Describe motor vehicle safe motoring requirements and general locations of systems and components | 1 | 4 |

INDUSTRY KNOWLEDGE

| Unit | Title | Level | Credit |
|-------------|---|--------------|---------------|
| 21857 | Identify the occupational areas and structures of the New Zealand automotive industry | 1 | 2 |
| 21672 | Demonstrate knowledge of new and emerging technology in the motor industry | 2 | 5 |
| 21673 | Demonstrate knowledge of maintaining stock security in the motor and related industries | 2 | 2 |
| 7118 | Manage own learning programme. | 2 | 3 |
| 249 | Carry out automotive industry personal workplace requirements | 2 | 5 |

BRAKES, WHEELS AND TYRES

| Unit | Title | Level | Credit |
|-------------|--|--------------|---------------|
| 21869 | Remove and replace road wheels in the motor industry | 1 | 1 |
| 21722 | Balance wheels off a vehicle in the motor industry | 2 | 2 |
| 21720 | Demonstrate knowledge of vehicle braking systems | 2 | 2 |
| 21679 | Demonstrate knowledge of interchanging and balancing road wheels in the motor industry | 2 | 2 |
| 21689 | Demonstrate knowledge of hydraulic brake fluid, fluid replacement, and brake bleeding procedures | 2 | 2 |

ENGINES

| Unit | Title | Level | Credit |
|-------------|---|--------------|---------------|
| 231 | Explain the operation of two and four stroke petrol and diesel engines | 2 | 4 |
| 240 | Demonstrate knowledge of petrol fuel systems | 2 | 3 |
| 21677 | Demonstrate knowledge of a diesel fuel system | 2 | 2 |
| 229 | Identify the general locations and functions of motor vehicle systems and main components | 2 | 4 |

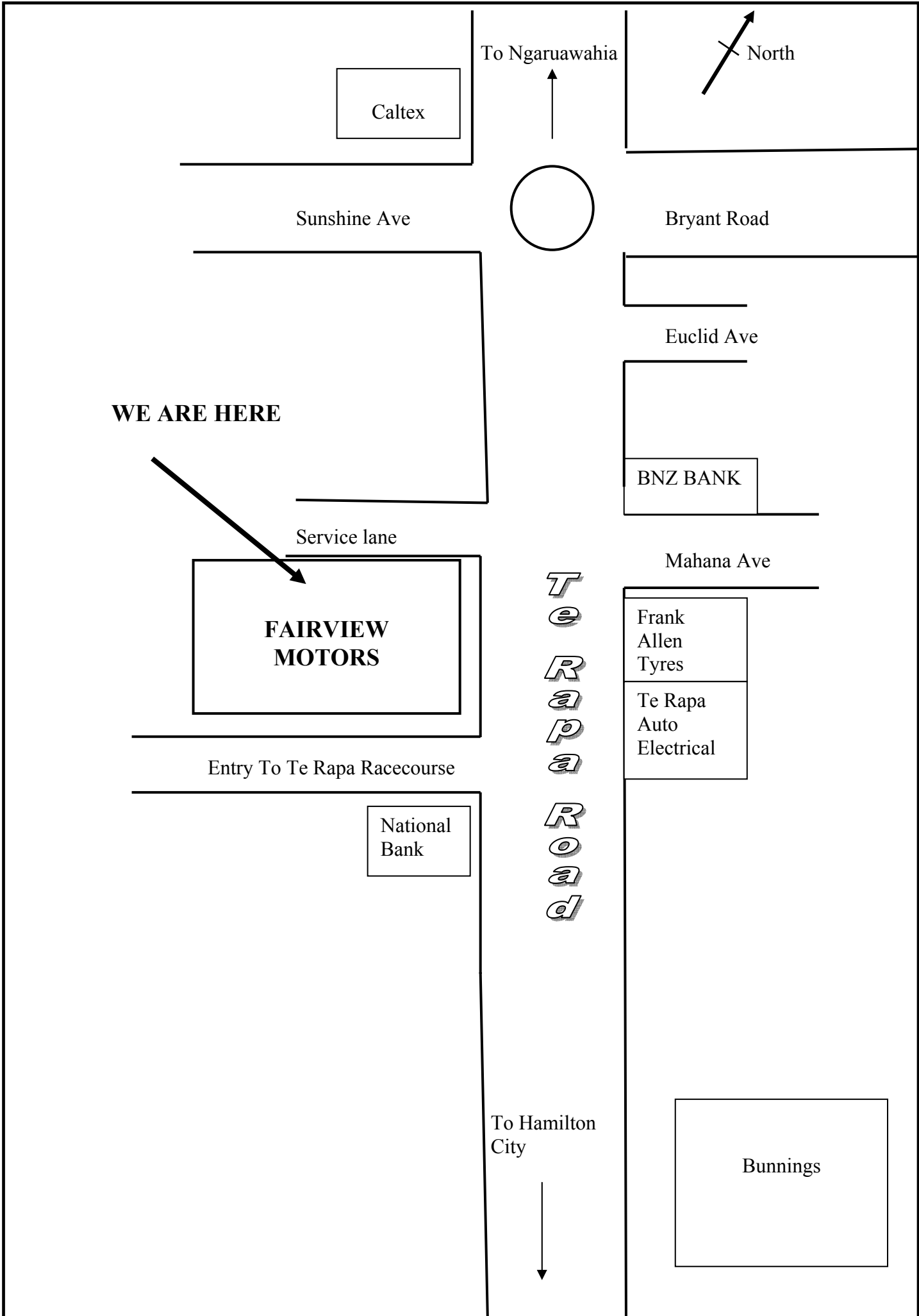
VEHICLE SERVICING

| Unit | Title | Level | Credit |
|-------------|--|--------------|---------------|
| 247 | Prepare a vehicle and/or machine for use and shut down after use | 2 | 2 |
| 21687 | Demonstrate knowledge of a basic engine tune up | 2 | 3 |
| 21686 | Demonstrate knowledge of automotive cooling systems | 2 | 2 |
| 21717 | Service automotive cooling systems | 2 | 3 |
| 3877 | Protect vehicle electronics | 2 | 2 |

ENGINEERING SKILLS

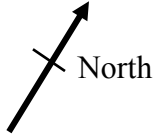
| Unit | Title | Level | Credit |
|-------|--|-------|--------|
| 21670 | Demonstrate knowledge of general engineering tasks in the motor industry | 2 | 3 |
| 21671 | Carry out general engineering tasks in the motor industry | 2 | 4 |
| 21669 | Demonstrate knowledge of hand tools and workshop equipment for motor industry applications | 2 | 2 |
| 21859 | Select and use hand tools and workshop equipment for an automotive application. | 2 | 2 |
| 21683 | Demonstrate knowledge of MIG welding in the motor industry | 2 | 2 |
| 21684 | Use a MIG welding plant in the motor industry | 2 | 3 |
| 21668 | Demonstrate knowledge of cleaning automotive components | 2 | 2 |
| 924 | Clean automotive components and maintain equipment. | 2 | 1 |

Please Note: Where students have achieved credits at school these will be recognised and additional credits will be offered.

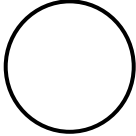


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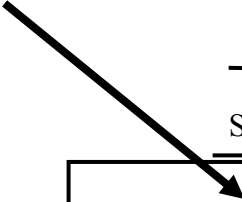
Sunshine Ave



Bryant Road

WE ARE HERE

Euclid Ave



Service lane

BNZ BANK

**FAIRVIEW
MOTORS**

Mahana Ave

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R
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Frank
Allen
Tyres

Te Rapa
Auto
Electrical

Entry To Te Rapa Racecourse

National
Bank

To Hamilton
City

Bunnings

