



## 4WD course light & heavy

<b>Unit Standard(s)</b>	17976, 17978	<b>Level</b>	3	<b>Location</b>	Available Nationwide
<b>Duration</b>	One to Two Days (Varies)	<b>Credits</b>	8	<b>Delivery</b>	Onsite bookings only

This course is aimed at producing 4WD operators that can demonstrate the knowledge, skills, and attributes for all essential areas of the units of competency covered under the full “best practice” guidelines for 4WD operation in the workplace. This includes being able to drive a 4WD over varied terrain safely, effectively and responsibly. Driving techniques that minimise negative impact upon the environment are encouraged.

### course overview

In line with the code of practice guidelines the course covers the following knowledge and skills:

- ▼ Vehicle designs and operating systems
- ▼ Pre-drive preparation
- ▼ Hazard identification and safety margin assessment specific to terrain
- ▼ Terrain contour and composition recognition
- ▼ Hill ascents, descents, traverse driving, and associated problems
- ▼ Understanding of vehicle movement utilising traction, momentum, gravity and centrifugal force combinations
- ▼ Introduction to trailer towing (on and off road)
- ▼ Introduction to four wheel drive recovery techniques and equipment
- ▼ Understand new technology

Note that additional content can be added in order to customise the course to suit your workplace requirements.

### nzqa unit standards - included

Unit Standard	Title	Credit Value
17976	Demonstrate light knowledge of operating a four wheel drive (4WD) vehicle in an off 4 road environment	4
17978	Operate a light four wheel drive (4WD) vehicle in an off road environment	4

### nzqa unit standards - optional

There are additional optional unit standards available for this course. You have the ability to tailor a course to suit your staff requirement.

Unit Standard	Title	Credit Value
20848	Demonstrate knowledge of and skills for driving a light four wheel drive (4WD) vehicle on-road	4
17678	Drive a light motor vehicle on unsealed road surfaces	3
17676	Carry out a pre-drive vehicle check on a light motor vehicle, and start up and shut down procedures	3
17977	Develop a plan for off-road light four wheel drive (4WD) driving	5



This course is provided through a contracting arrangement between the primary holder (TR Master Drive Services Ltd) and the sub-contractor (Natural Instincts Ltd)

## nzqa unit standards - specialist skills

Specialist skills are also able to be added to the solution for your driving environment. Creating a relevant programme will reduce risk in your organisation.

Unit Standard	Title	Credit Value
Snow Driving		
18138	Fit and remove vehicle chains	2
8638	Drive on snow or ice	3
Vehicle Extractions & Recovery		
20620	Develop and execute a plan for a four wheel drive (4WD) vehicle extraction	5
Defensive Driving – Driver Awareness		
3465	Describe driving hazards and risk reduction strategies and responses to driving hazards	3
3466	Apply risk reduction techniques and strategies while driving	4

### duration

The duration of this course (1 or 2 days) will vary depending on the experience of the trainees. If the trainees have no prior off road experience the additional day allows for more off road driving situations in theory and practice, reducing driver risk. Different combinations of the above NZQA unit standard courses may require extra time to complete. Talk with us about your requirements.

### attendance capacity

Maximum of 10 trainees per trainer. Minimum numbers can be negotiated upon request. Where higher trainee numbers are requested, or specialised course modules are required, additional qualified trainers may be in attendance to assist.

### course location

Delivered anywhere in New Zealand either at your location or a TR MDS/Natural Instincts recommended training site.

### special note

Non-unit standard based training is also available. NZQA Unit Standards will not be assessed or awarded. The programme can be customised to meet your requirements and can include elements from the above unit standard based training as well as additional modules from the skills listed.

- ▼ On road driving skills
- ▼ Off road driving skills
- ▼ Defensive driving / driver awareness / driver assessment
- ▼ In-forestry (suitable for those that work in forestry environments)
- ▼ Winter or slippery conditions driving
- ▼ Chains
- ▼ Recovery
- ▼ Trailers, loads, and load security (both on and off road)
- ▼ Develop a plan for driving

Please contact us for more information.

TR MDS Ltd  
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