

4X4 ‘Professional Off Road Driving’**CLVF01X**

Course Objectives	To enable course members to:		
	<ul style="list-style-type: none"> • Be able to carry out a risk assessment • Understand the main principles of driving off-road • Recognise the safe working environment for off-road vehicles on typical ground surface conditions • Be able to assess the suitability of any ground/route, before attempting to drive over it • Prepare and perform the necessary checks to ensure the safety of a vehicle off-road and on-road • Safely operate a vehicle in an off-road situation with a variety of typical ground surface conditions (slopes, Mud, obstacles, water) • Have an understanding of the dangers of vehicle recovery 		
Who is the Course For?	<ul style="list-style-type: none"> • Any person who is/will be required to operate a 4X4 vehicle in an off-road environment. All trainees must be able to demonstrate that they are competent in driving normal vehicles in a road situation and hold a current driving licence. An individual assessment will be carried out and those reaching the required standard will receive the nationally recognised certificate 		
Duration/Format NVQ/SVQ Linkage	<ul style="list-style-type: none"> • Two days (including evening session) • This course contributes towards Agriculture and Commercial Horticulture 1ACH8100, and also ‘Assisting in Road Haulage and Distribution Operations’ NVQ Level 1 Unit 7 		
Instructor/Trainee Ratio	Max: 1:3 Min: 1:2		
Course Content	<p>Vehicles What can go wrong Familiarisation Tramlining Are you stuck? (Regaining traction) Route planning Off-road to on-road Water Avoiding ‘bellying’</p>	<p>Preparation of vehicle for off-road Practical preparation of vehicles Hill use including traversing Obstacles and crossing ruts, etc ‘V’ shaped gully Recovery techniques Cadence braking and power braking Descending slippery hills Vehicle control Assessment & Conclusion</p>	
Facilities/Equipment required:	<p>Organiser Off-road 4X4 site certificated by Lantra (contact Instructor) Ensure trainees bring their own 4X4 vehicles which comply with safety regulations and are in a well maintained state Discuss suitability of vehicles with Instructor Video player and TV monitor Facilities for tea/coffee</p> <p>For each course member: pen, pencil and notebook lapel badges accommodation with suitable room for evening session (contact Instructor)</p> <p>Venue Off-road 4X4 site certified by Lantra (contact Instructor). Washroom and toilet facilities</p>	<p>Instructor/Tutor Suitable 4X4 training site certificated by Lantra. First aid equipment (which complies with the Health & Safety (First Aid) Regulations 1981) available at extra cost 4X4 vehicle complying with safety regulations and in a well maintained state, if required Suitable fire extinguisher Flipchart board (with newsprint, flipcharts, etc, plus pens) Model to demonstrate differential lock Suitable tools for wheel nuts Tyre pressure gauge and pump Pressure washer Cones and poles to mark routes Photographs of worn or damaged parts Device to measure slopes (not vehicle inclinometer) Landrover video “Under Control” It is vital that the Instructor personally inspects & tests all vehicles used on the course. Health and Safety criteria etc</p>	<p>Trainee 4X4 vehicle complying with safety regulations and in a well maintained state. Notebook and pencil Overalls Wellington boots Wet weather clothing Tyre pressure gauge Operators instruction books for own machinery Camera (optional)</p>
Publications included in package	<p>4X4 Off-Road Course - Workbook 4X4 Off-Road course - Trainee Assessment Forms</p>		

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Registration Criteria**

Please refer to the Lantra Awards Instructor Information Pack.

**Instructor –
Technical Skills
Knowledge and
Experience**

Individuals must have a proven track record of operator competence in the use of a range of 4X4 vehicles, in a wide range of off-road conditions.

**Instructor –
Certification (If
desirable)**

As operator assessment is an integral part of training, registered instructors will have to possess or be working towards TDLB units D32/D33. They must also possess a Lantra '4X4 Professional Off Road Driving' certificate (2 days) or Industry equivalent.

N.B. All 4X4 training must be conducted on a Lantra approved site. Instructors must have access to such a site. They must also own a 'popular' 4X4 vehicle suitable for training purposes and be able to accommodate three passengers, safely and securely. The vehicle should be 'near standard' showroom specification.