



4 X 4 DRIVING COURSE

NON - ACCREDITED

OUTLINE

MODULE 1 - Introduction

MODULE 2 - What is a 4x4 and how to Select the correct 4x4

MODULE 3 - Learning about the specifications of your vehicle

MODULE 4 - Safety and accessories

- ✓ Personal safety
- ✓ Basic first aid principles
- ✓ Correct winch(Towbar and bulbar)
- ✓ Correct trailer and limitations(where applicable)
- ✓ Correct tyres and tyre pressures.

MODULE 5 - Vehicle dynamics

- ✓ Fuel system
- ✓ Braking system and A.B.S
- ✓ Gears, gear ratio's and differentials
- ✓ Power steering
- ✓ Suspension (springs and dampers)
- ✓ The four stroke cycle (4 cylinder, 5 cylinder, straight 6 and V6)
- ✓ The 8 cylinder motor (where applicable)

MODULE 6 - Correct loading and weight distribution your 4x4 correctly

MODULE 7 - Pre-trip inspection

MODULE 8 - Advanced Defensive Driving

- ✓ System of vehicle control
- ✓ Application of system of vehicle control
- ✓ Traffic situations and collision avoidance

MODULE 9 - Skid control of a 4x4

- ✓ Front wheel slide (understeer)
- ✓ Rear wheel slide (oversteer)
- ✓ All wheel slide (braking and emergency situations)

MODULE 10 - Off-road 4x4 vehicle control

- ✓ Correct Terrain observation
- ✓ Steering through rough terrain
- ✓ Low / High Range (correct gear ratio selection)
- ✓ Checking and preparing your 4x4 for off-road handling
 - ❖ Checklist
 - ❖ Tyres and accessories
 - ❖ Low and high range
 - ❖ Engage 4x4
 - ❖ Engage difflock (where applicable)

- ✓ Vehicle Retrieval
 - ❖ Towing
 - ❖ Snatching (quick and slow)
 - ❖ Winching

- ✓ Slope
 - ❖ Ascend.
 - ❖ Descend.
 - ❖ Side slope

- ✓ Special circumstances
 - ❖ Differential wind up

DURATION:

Theoretical training: 2 Hours

Practical Training: Novice (With licence) – 5 Days

Experienced (Refresher) – 6 Hours

Please note that the durations are based on a maximum of two learners per vehicle. Vehicles must be supplied by the client.