

# Open Awards Qualification Unit



This unit forms part of a regulated qualification.

## 1 Unit Details

Unit Title:	Introduction to Low Carbon Technologies in the Automotive Industry
Unit Reference Number:	K/615/9351
Level:	Level 1
Credit Value:	3
Minimum GLH:	20

## 2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know how own actions can affect the environment	1.1 Give examples of driving styles that harm the environment
	1.2 Give examples how they can reduce carbon emissions when travelling
2. Know the impact that a conventional vehicle has on the environment	2.1 Identify the exhaust emissions that a conventional vehicle produces
	2.2 Describe the impact of exhaust emissions on people and the environment
	2.3 State the meaning of 'Carbon Footprint'
3. Know some of the actions vehicle manufacturers are taking to reduce carbon emissions	3.1 State the common vehicle parts that may be recycled
	3.2 Identify the new types of propulsion available in modern and future vehicles
	3.3 State the benefits of alternative fuel types and propulsion methods for the user and environment
	3.4 Describe how bio-fuels can reduce carbon emission