



Level 2 Diploma In

Engineering Technology - Motorsport

ENGINEERING

Qualification Specification

Overview

This qualification is a Vocationally Related Qualification (VRQ) and has been approved by the National College for Motorsport and employers within the motorsport industry. The qualification focuses on the knowledge and, where appropriate, the practical skills associated with motorsport engineering.

Typical Job

Facilitates progression onto further study.

Qualification code:	601/3375/2
Level:	2
Total qualification time:	590
Guided learning hours:	340
Credits:	59
Minimum age	14

Purpose of the qualification

This qualification covers an intermediate level knowledge and understanding of motorsport engineering and has been developed in consultation with motorsport industry specialists and training provider to ensure that it meets the needs of industry employers and learners. The qualification has huge potential benefits for those engaging with the motorsport engineering industry sector. This qualification does not require occupational evidence.

It is for learners who wish to gain a knowledge and understanding of the motorsport engineering sector and those who are new to the sector or looking for a career change or wish to learn new skills.

The content and structure of this qualification has been developed to provide the relevant knowledge and understanding of the safe working practices and engineering techniques used within a motorsport environment. It will develop the personal skills and attributes that learner's need in their ability to work, learn and achieve their full potential at Level 2 and provide progression to further qualifications within this discipline.

Who supports this qualification?

Supported by the motorsport industry

What could this qualification lead to?

Further study and improved employment prospects.

Entry Requirements

Learners must have the potential to achieve the assessment criteria set out in the units.

How is the qualification achieved?

The learner must pass all the internal assessments to achieve the full qualification.

What will be assessed?

All evidence submitted by the learner against the assessment criteria.

How will it be assessed?

The assessment of this qualification is by internal (centre marked) knowledge questions and/or practical assignments.

An appropriate and realistic work area must be available for the learner to carry out the practical assessments, using the normal constraints of time, resources, authority etc. (if the selected work area is not in an active working environment then prior agreement from EAL of the suitability of the work area to be used for the workplace organisation activity must be sought)

This is a graded qualification; learners can achieve a Pass, Merit or Distinction.

Structure

This qualification will be achieved when the learner has successfully completed all nine units. The qualification has 59 credits and 340 guided learning hours.

All of the following units must be completed:

EAL Code	Unit Title	Level	Credit	Guided Learning Hours	Ofqual Code
QET12/035	Motorsport Engineering Techniques	2	5	30	J/506/3278
QET12/036	Motorsport Engineering Principles	2	5	30	M/506/3291
QET12/037	Motorsport Environmental Awareness	2	7	40	T/506/3292
QET12/038	Principles and Operation of Motorsport Engine Ancillaries and Operating Systems	2	7	40	A/506/3293
QET12/039	Function, Operation and Inspection of Motorsport Vehicle Electrical Systems and Components	2	7	40	F/506/3294
QET12/040	Preparation of a Motorsport Vehicles Chassis System	2	7	40	J/506/3295
QET12/041	Function and Inspection of a Motorsport Vehicle Braking Systems	2	7	40	L/506/3296
QET12/042	Inspecting Motorsport Vehicles During an Event	2	7	40	R/506/3297
QET12/043	Motorsport Vehicle Transmission Principles and Operation	2	7	40	Y/506/3298

