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600/0660/2 Level 2 Certificate in Cycle Mechanics

OVERVIEW

- What does this qualification cover?

Cycling in the UK has undergone a renaissance over the past five years, with an increasing number of people taking the streets of the UK by bike, mainly because of pleasure, health, fitness or business reasons (for example, couriers and other delivery companies).

In addition, efforts by the Government and campaign groups to invigorate cycling as a viable alternative travel option as well as the inspirational success and legacy of the elite professionals at London 2012 Olympics and Paralympics have boosted the number of bikes produced and sold in the UK as well as their usage.

Around 3.7 million cycle units are sold per year and about 8% of the population aged five+ cycles three or more times a week (around 4.64 million people).

Due to the increase use of technology in the production of the current cycles, cyclists are turning to professional cycle mechanics to carry out the regular maintenance and repair of their bikes.

This has resulted in an increase in the demand of skilled professionals in cycle mechanics.

This qualification is for learners who want to develop some of the key skills and understanding in building, servicing, repair and maintenance of all types of cycles.

Some of the key skills learners will have acquired upon achievement of this qualification are:

- Remove and replace cycle tubular and tubeless tyres
- Remove and replace cycle braking and gear systems
- Remove and replace cycle hub bearings
- Remove and replace cycle bottom brackets and cranks
- Build a cycle wheel
- Prepare frames and forks for cycle assembly
- Augment a cycle
- Change a cycle frame



- Service cycle headset assemblies.

In order to achieve these technical skills, learners will be required to undertake around 103 hours of learning. These may be complemented by additional employability or business enterprise skills depending on the progression path they decide to follow.

This is a Framework qualification.

- Who could take this qualification?

This qualification is for learners who want to develop some of the key skills and understanding to become a Cycle Mechanic.

This qualification is part of an Engineering Manufacture apprenticeship. But if a learner wanted to work in the cycle mechanic industry only, the apprenticeship would not be appropriate as it covers many other aspects of engineering that are not applicable to cycle maintenance.

It is not necessary to hold any previous qualifications or being in a current work placement to start this qualification.

WHAT COULD THIS QUALIFICATION LEAD TO?

Upon completion learners will have achieved a great level of upskilling in professional cycle mechanics techniques and tooling which will allow them to progress confidently into employment as apprentices to become a Cycle Mechanic.

In addition, the valuable transferable technical skills gained will allow them to consider the possibility of embarking into an apprenticeship in other sector areas such as the motor vehicle industry or engineering manufacturing.

Learners will also gain the skills and confidence needed to set up their own business.

WHO SUPPORTS THIS QUALIFICATION?

The following providers support this qualification as it allows learners to work to their own ability and show progression to the next level within the industry nationally:

- Bikeworks
- Milton Keynes College
- Surrey Lifelong Learning Partnership.