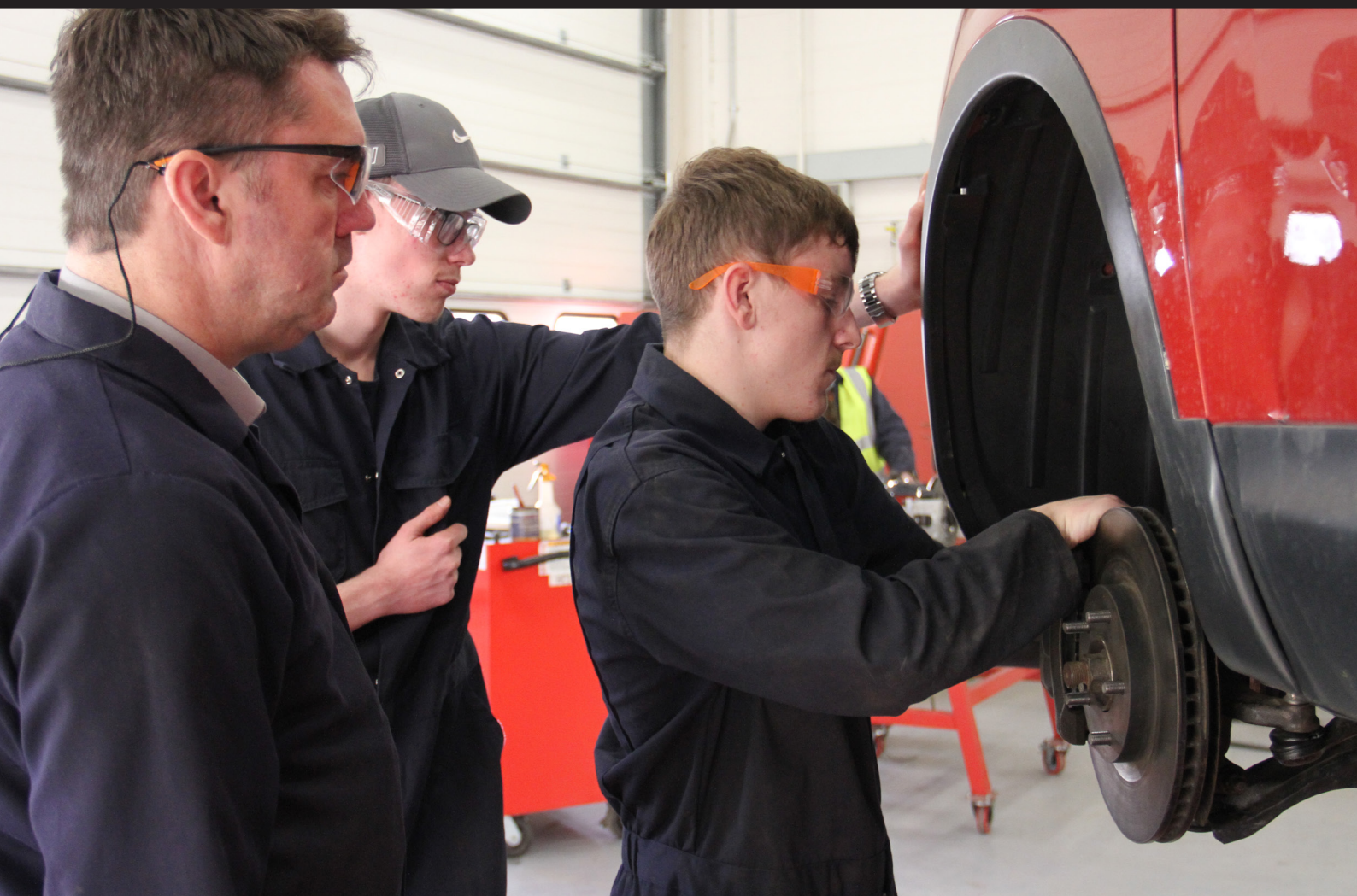


#TRANSFORMINGLIVES

Hartlepool College
of Further Education



SCHOOL OF ENGINEERING
LEVEL 2 DIPLOMA IN
VEHICLE FITTING PRINCIPLES

TRANSITION PACKAGE

WELCOME & COURSE INFORMATION

Here at Hartlepool College of Further Education, we have been successfully training automotive technicians for many years. We offer courses at levels 1, 2 and 3 and continue to have excellent links with the automotive trade, as well as running a comprehensive apprenticeship scheme.

The Level 2 Diploma in Vehicle Fitting Principles is designed for qualified school leavers and progressing students from Level 1. It gives learners the knowledge of the fundamental tasks a technician will come across, when working in an automotive environment. The course has a mix of theory lessons in the classroom and practical sessions in the workshop, aimed to develop the learners' skills across a wide range of activities.

Learners should have a minimum of 4 GCSEs at grade 3 or above, including Maths and English.

Learners who successfully complete this program can progress to study the Level 3 Diploma or, move on to employment and apprenticeships.

WHAT WILL I STUDY?

Learners will sit four different on-line exams including;

- Knowledge of inspection, repair and replacement of light vehicle tyres;
- Knowledge of inspection, repair and replacement of light vehicle exhaust systems;
- Knowledge of inspection repair and replacement of light vehicle braking systems;
- Knowledge of light vehicle routine light vehicle maintenance.

Learners will also complete extended practical workshop sessions across the year including:

- Skills in fabrication, tools, and measuring devices;
- Skills in removing and repairing light vehicle tyres;
- Skills in light vehicle four-wheel alignment;
- Skills in repair and replacement of light vehicle exhaust systems;
- Skills in repair and replacement of light vehicle suspension dampers;
- Skills in repair and replacement of light vehicle braking systems;
- Skills in light vehicle routine maintenance.

HOW CAN I PREPARE FOR THIS COURSE?

Prospective learners need to be hard-working and motivated. Problem solving is a key skill and learners will be expected to maintain a portfolio of the work they complete in class and the workshop and be able to transfer live data from vehicles to their worksheets.

Key tasks to complete are on the following page.

Task 1

Have a look under the bonnet of a vehicle and identify the following components; Battery, Alternator, radiator, air filter, oil dip stick and brake fluid reservoir.

Task 2

Using internet resources research what the markings on the sidewall of a tyre are used for.

Task 3

Using internet resources research the different kinds of safety systems used in vehicles and list 5 of the most important ones.

KEY TASK3

Learners will have the opportunity to visit Autosport at Birmingham NEC Arena, which is a dedicated automotive event.

**ADDITIONAL
INFORMATION**



KEY CONTACTS:

Michael.white@hartlepoolfe.ac.uk (course tutor)

Anthony.jowett@hartlepoolfe.ac.uk

Mark.barker@hartlepoolfe.ac.uk

David.wilcox@hartlepoolfe.ac.uk