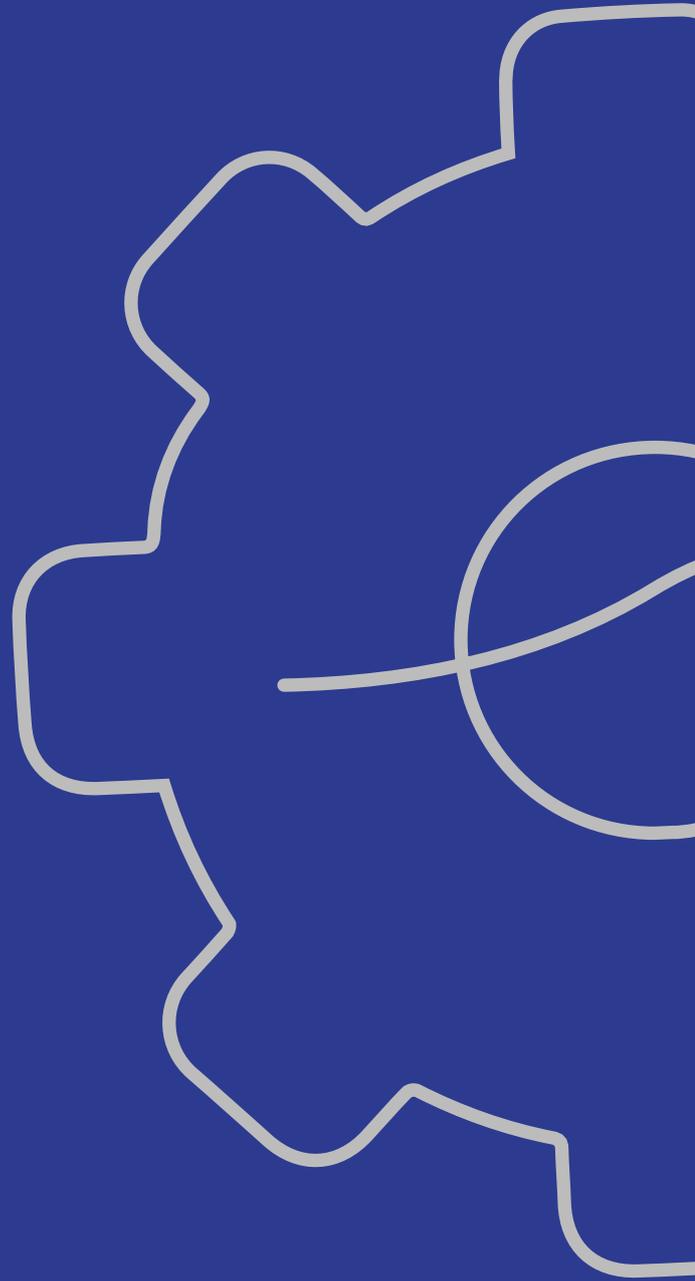


Apprenticeships +

Vehicle Damage Panel Technician

Apprenticeship
Level 3





Quick Information

New Apprenticeship Standard designed by employers for employers

Sector

Engineering and manufacturing

Who is it for?

New or existing staff

Start date

September

Level

Level 3

Duration

Typically 3 years for new entrants

How does it work?

Day release at college for 2 years

Content

You will learn a variety of things whilst at college to help develop your knowledge skills and behaviours to meet the standards and industry requirements

Assessment

You will be assessed in college and in your workplace to ensure you are progressing and applying new skills and behaviours in your everyday role

Qualification

Vehicle Damage Technician L3

Review

After 3 years

Vehicle Damage Panel Technician

A Vehicle Damage Panel Technician works within the Collision Repair workshop, demonstrating expert working knowledge in relation to the removal, repair and replacement of vehicle body panels to vehicle manufacturer specification.

The vehicles can include cars and light commercial vehicles. A technician is able to work independently and as part of a team following a defined process, using their skills to correctly identify the different body panel types and have the ability to use the correct repair tools to carry out the work to the highest possible standard. With motor vehicle technology changing all the time panel technicians keep up to date with the most relevant equipment and advanced repair techniques within the automotive industry. They do so by adhering to the manufacturer's literature and modification bulletins. The equipment they use can include using jigs, resistance welding equipment, riveting and bonding tools, as well as new equipment such as Reinforced Plastic Carbon Fibre diagnostic ultrasound tools. A competent Vehicle Damage Panel Technician will meet the following competency requirements.

Typical Job Titles: Panel Beater, Panel Technician, Body Repairer



Key Areas of Study

Health and Safety, tools and materials, carrying out minor and major body repairs MAG welding techniques and much more

Expert working knowledge & understanding of: Behaviours

- Motor vehicle chassis and body alignment, e.g. underbody measurement and its impact on suspension and steering geometry
 - Vehicle body types, panel identification, safety systems, materials and alternative fuel
 - Use of Body Panel Repair tools, equipment and devices used in the process e.g. alignment jigs, resistance welding equipment, riveting and bonding tools
 - Removal and replacement of body panels and associated parts e.g. mechanically fixed components, chemically fixed components
 - Interpretation of technical data for joining techniques and replacement panels
 - Quality control process and the implications of poor quality
 - Knowledge of key process for vehicle panel repair such as Welding utilising either Tungsten, Inert Gas (TIG) and Metal, Inert Gas (MIG) & brazing along with spot welding, riveting utilising self-piercing rivets and utilising panel adhesive bonding as specified by the manufacturer
 - Health & Safety and compliance requirements of the bodyshop industry
 - Their direct commercial productivity and efficiency impact of their role within the whole repair process. E.g, understanding the cost of mistakes and the need for accuracy. The impact of rework on resources and reputation.
- Ability to remove, repair and replace vehicle body panels and components of the vehicle safely and efficiently
 - Ability to identify and operate the correct repair tools, equipment and devices used in the process, panel pulling systems, jig and alignment tools, spot welders, brazing tools.
 - Ability to identify and communicate supplementary damage such as panels that were deemed to be repairable but once worked on were found to be beyond repair along with damage that could not be established on original inspection.
 - Ability to detect and rectify faults within a vehicles structure that's integral to its safety
- Use all the knowledge and skills developed to carry out tasks in a safe and efficient manner, complying with all business operating procedures and policies
 - Operate as an effective team member and take responsibility, be honest and accountable when things go wrong, tracking their own progress and informing others if deadlines are at risk
 - Proactively find opportunities to learn about the wider business.
 - Commitment to customer service and meeting deadlines by being flexible with their time and willingness to engage on tasks outside of their job role to ensure goals are met
 - Take responsibility for personal and professional development, keeping knowledge and skills up to date with emerging technology to perform the role effectively
 - Anticipate problems and put steps in place to avoid them, where problems do occur explore and address the cause
 - Demonstrate the ability to effectively communicate

Skills

- Ability to undertake appropriate job preparation prior to commencing repair, including safety precautions, panel preparation and body measurements.
- Ability to identify the material used in the construction to enable the correct joining techniques and manufacturer specifications to be adhered to.
- Ability to interpret relevant technical data and methods to make sure that any joints are in line with vehicle manufacturer specification and the vehicle/body panels are aligned correctly.
- Ability to identify and understand the correct joining technology, e.g. when to use resistance spot welding or mig brazing or bonding.

Qualifications

Apprentices without level 2 English and maths will need to achieve this level prior to taking the end-point assessment. For those with an education, health and care plan or a legacy statement the apprenticeships English and maths minimum requirement is Entry Level 3 and British Sign Language qualifications are an alternative to English qualifications for whom this is their primary language.

Training, Tutoring and Assessment

Apprentices will attend college on day release over two years at Olive Grove campus.

End Point Assessment

- Multiple Choice Test
- Professorial Discussion
- Skills Test

For more information on the assessment for the Vehicle Damage Panel Technician Apprenticeship please see the full assessment plan in the Apprenticeship Standard documentation. We will arrange the End Point Assessment.



Apprentice Entry Requirements

Individual employers will set their own selection criteria for applicants.

More Information

To find out more about the opportunities and financing of apprenticeships and to discuss your particular requirements, please email **apprenticeshipsandtraining@sheffcol.ac.uk** or call **0114 260 2600** to speak to one of our friendly employer advisors.

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Why choose The Sheffield College?

As one of the region's largest providers of apprenticeships, The Sheffield College is more than just your local provider; we deliver the dedicated support you need to source, train and get the best out of your apprentice.

We appreciate how difficult and time consuming it can be to recruit suitable staff. That's why we will source, shortlist and prepare candidates before you meet them.

We help you get the best deal by finding the right funding and we handle the paperwork to make the process of arranging an apprenticeship training programme as smooth as possible. Our employer partnership team, apprenticeship tutors and assessment staff are experts, and we invest time and money in training and upskilling them regularly so their knowledge is up-to-date and industry standard.

At The Sheffield College we go above and beyond; we know that every business is different and we help to develop apprentices who will meet the needs of your business.