

Apprenticeships +

Vehicle Damage Paint 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

Various dates throughout the year

Level

Level 3

Duration

Typically 3 years

How does it work?

Day release at Olive Grove for 2 years

Content

Health and Safety, tools and materials, working with plastic, preparing materials, paint defects and much more

Assessment

You will be assessed on-going at college and in the workplace to ensure you are applying the knowledge skills and behaviours required for the standard and as part of your role

Qualification

Vehicle Damage Paint Technician

Review

After 3 years

Vehicle Damage Paint Technician

A Vehicle Damage Paint Technician works in the vehicle body repair sector of the motor industry. The role is to prepare, spray and finish vehicles that have been involved in collisions and other incidents in an efficient manner. The vehicles can include Cars/Light Commercial Vehicles. This includes ensuring correct colour match and final finish to the company and customers exacting standards. This is usually within a collision repair workshop or smart repair workshops/mobile repair micro business & working alongside another fully qualified Paint Technician.

They understand the general principles of spray painting technology, paint composition, paint mixing and the various methods of paint spraying vehicles.

They prepare vehicles fully before painting to include masking, sanding and other necessary preparation work.

They are also responsible for keeping all company tools and equipment safe and in a clean, workable condition paying particular attention to the reduction of any fire hazards.

Their role includes repair, surface preparation and painting to the manufacturer paint specification. A technician is able to follow defined processes to restore the vehicle to a high-quality paint finish. This includes being able to demonstrate colour identification and select the correct materials such as primers, base coats & lacquers applied using spray equipment & utilising modern drying/curing techniques such as Ultra Violet (UV), Infrared & catalytic solutions used in the refinishing of vehicles. Create a safe environment working efficiently and reducing waste.

They usually work as part of a team and under supervision.



Key Areas of Study

Knowledge and skills development in:

- H&S
- Communication skills
- Tool and equipment used in vehicle refinishing
- Applying fillers and foundation materials
- Working with plastic materials and components
- Preparing metal and pre-painted surfaces
- Repairing minor paint defects
- Establishing paint defects
- Applying top coats
- Vehicle colour matching

Expert working knowledge & understanding of:

- Expert working knowledge & understanding of Automotive refinishing materials such as paint and fillers and their application techniques to deliver quality results
- Drying and curing techniques use in the finishing of vehicles
- Body Paint Repair tools, equipment and devices used in the process e.g. mixing systems, spray guns and nozzles, paint
- Substrates such as metal (Steel/Alloy) along with carbon fibre & glass reinforced plastic to select the correct refinish process and materials
- Safe handling and risks in the management of solvents, high voltage components, conventional and alternate fuelled vehicles and other areas of significant risk
- Calculation / estimation of paint volume requirements per job
- Health & Safety and compliance requirements of a collision repair business, such as control of substances
- Their direct commercial productivity and efficiency impact of their role within the whole repair process such as understanding causes for paint defects to reduce waste and the techniques required to prevent these e.g. paint runs. The impact of rework on resources and reputation
- Quality control process and the implications of poor quality repairs

Skills

- Ability to undertake appropriate job preparation prior to commencing repair e.g. substrate surface preparation, paint volume calculation etc
- Ability to correctly identify the substrate materials to be refinished e.g. plastic, steel, aluminium etc
- Ability to interpret relevant technical data and methods to create paint manufactures specified application
- Ability to use refinishing materials following paint manufacturer specifications to reinstate vehicle finish back to high quality
- Ability to identify and operate the correct repair tools, equipment and devices used in the process e.g mixing systems, paint booths, UV lamps and spray equipment

Behaviours

- 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 take 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
- Effectively communicate with customers and colleagues

Training, Tutoring and Assessment

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

A work based assessor will be allocated to conduct progress reviews every 10-12 weeks and will support the employer and apprentice in the preparation towards end point assessment.

End Point Assessment

- Knowledge Test (90 mins)
- Professional Discussion (45 mins)
- Practical Skills Test (11 hours over 2 consecutive days)

For more information on the assessment for the Vehicle Damage Paint 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.

Other Mandatory 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.

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.

Get In Touch

Email

apprenticeshipsandtraining@sheffcol.ac.uk

Call

0114 260 2600

Twitter

@sheffcol

Facebook

facebook.com/thesheffieldcollege

LinkedIn

linkedin.com/company/the-sheffield-college



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.