

TECHNICAL

CURRICULUM

BODYWORK AND SHEET METAL · FULL-TIME

AUTOMOTIVE SHEET METAL

A complete, hands-on training programme for sheet metal, bodywork and vehicle repair.

From bare sheet to a finished body.



THE PROGRAMME

Good bodywork is no accident. This programme builds the skill for it, from the first cut to the finished repair.



Automotive Sheet Metal is a hands-on, full-time programme for sheet metal work, body construction and vehicle repair.

Across nineteen core modules, trainees work their way from materials and hand sheet-metal work through welding, joining and straightening to full accident repair and high-voltage-safe bodywork.

The focus stays firmly on practice throughout. Learning happens on real sheet metal, on training bodies and on real equipment, with around 1,500 hours of technical learning and more than 130 assessed exercises.

Every module ends with an assessed work piece, so competence shows in real work and not on paper.

Expansion workshops such as truck straightening technology, CNC sheet-metal processing or the paint station can be added freely as needed.

The programme is offered as a curriculum, as a matching equipment specification or as a turnkey package for the site.

19

MODULES · CORE

1.500_h

TECHNICAL LEARNING

132₊

PRACTICAL EXERCISES

110₊

EQUIPMENT ITEMS

2_{years}

FULL-TIME

PRACTICAL CURRICULUM

Nineteen modules, in phases.

From materials science and sheet-metal work through welding, joining and straightening to repair, commercial-vehicle body building and high-voltage-safe bodywork, building up to the on-site final project.



MODULE

01 – 19 · IN PHASES

01 Occupational safety & HSE
FUNDAMENTALS

02 Body materials science
FUNDAMENTALS

03 Technical communication
FUNDAMENTALS

04 Applied maths & metrology
FUNDAMENTALS

05 Sheet-metal work & forming
SHEET & FORM

06 Raising, shrinking, dent removal
SHEET & FORM

07 Cutting (plasma, grinder)
SHEET & FORM

08 MIG/MAG & TIG welding
JOINING

09 Spot welding, bonding, riveting
JOINING

10 Corrosion protection & prep
JOINING

11 Damage diagnosis & 3D measuring
REPAIR

12 Passenger-car repair
REPAIR

13 Bench straightening & structure
REPAIR

14 Plastic & glass repair
REPAIR

15 Retrofitting & truck bodywork
BUILD & SPECIAL

16 E-mobility & HV safety
BUILD & SPECIAL

17 Quality assurance & testing
BUILD & SPECIAL

18 Sustainability, law, digital
BUILD & SPECIAL

19 Entrepreneurial skills
1 BUSINESS & MARKET



EQUIPMENT

Trained on sheet metal and equipment.



01

Cutting & separating

Nibblers, sheet-metal shears, plasma cutters, cut-off grinders, optional laser or waterjet.

02

Forming & bending

Press brakes, hydraulic presses, dent-removal sets, plus body and frame straightening benches.

03

Welding & joining

MIG/MAG, TIG and spot welding, resistance guns, bonding and riveting technology.

04

Surface & protection

Grinding and polishing machines, corrosion-protection application, dent and straightening sets.

05

Assembly & quality assurance

Assembly workstations, 3D measuring systems, ultrasonic testing, extraction and protective equipment.

06

Automotive-specific

Training bodies for cars and trucks, crash-structure simulation, HV-safe workstations.

110+ ITEMS · 6 CATEGORIES

BRING THE PROGRAMME TO YOUR SITE

LET'S GET STARTED.

AVAILABLE AS

Turnkey

Consulting
Equipment
Delivery
Curriculum
Setup