

TECHNICAL CURRICULUM · BROAD PROFILE · FULL-TIME

SHEET METAL WORK

A complete, practice-based training programme for modern sheet metal working, from development to the inspected component.

Real sheet metal, real machines, market-ready skills.

THE PROGRAMME

A precise sheet metal part is no accident. This programme builds the skills for it, from marking out to the inspected surface.



Sheet Metal Work is a practice-based, full-time programme for modern sheet metal working, from hand craft to CNC production.

Across fifteen core modules, trainees progress from materials science, sheet metal development and metrology through cutting, forming and joining to machine and CNC processing, surface finishing and quality assurance.

The focus is on practice throughout. Learning takes place on real sheet metal, real machines and real tools, with around 1.500 hours of specialist learning and over 95 assessed exercises.

Each module concludes with an assessed test piece, so that competence is shown through real work and not on paper. The four extension modules (welding, pipe and installation technology, forging, decorative work) can be added optionally.

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

19

SPECIALIST MODULES · CORE & EXTENSION

1.350_h

TECHNICAL LEARNING

95₊

PRACTICAL EXERCISES

280₊

POSITIONS

2_{Years}

FULL-TIME

PRACTICAL CURRICULUM

Nineteen Modules, in Phases.

From the core fundamentals through forming and joining as well as machine and CNC processing to surface finishing and quality, concluding with the final project. Four optional extension modules broaden the profile.

MODULE

00 – 18 · PHASED

00 Introduction & Safety
CORE FUNDAMENTALS

01 Sheet Metal Materials
CORE FUNDAMENTALS

02 Tech. Drawing & Development
CORE FUNDAMENTALS

03 Measuring, Marking & Testing
CORE FUNDAMENTALS

04 Cutting Sheet Metal
CORE FUNDAMENTALS

05 Forming Sheet Metal
FORMING & JOINING

06 Joining Sheet Metal
FORMING & JOINING

07 Basic Sheet Metal Project
FORMING & JOINING

08 Machine Processing
INDUSTRIAL SHEET METAL

09 CNC Sheet Metal Working
INDUSTRIAL SHEET METAL

10 Enclosure & Ductwork
INDUSTRIAL SHEET METAL

11 Surface & Corrosion Protection
SURFACE & COMPLETION

12 Quality & Tolerances
SURFACE & COMPLETION

13 Work Planning & Economics
SURFACE & COMPLETION

14 Final Project: Sheet Metal
SURFACE & COMPLETION

15 Welding (Sheet Metal)
EXTENSION · OPTIONAL

16 Pipe & Installation Tech.
EXTENSION · OPTIONAL

17 Forging & Hot Forming
EXTENSION · OPTIONAL

18 Decorative Metalwork
EXTENSION · OPTIONAL

EQUIPMENT

Trained on sheet metal and machine.



01

Marking, Measuring & Testing

Marking, measuring and testing tools for sheet metal development and dimensional control.

02

Cutting & Shearing

Sheet metal shears, nibblers, cut-off grinders and tools for cutting.

03

Forming & Bending

Swivel bending, beading, flanging and press braking technology for forming.

04

Joining: Riveting, Soldering, Spot Welding

Tools and equipment for riveting, soft soldering and spot welding.

05

Machine & CNC Processing

Machines for industrial and CNC-based sheet metal working.

06

Surface & Workshop Equipment

Surface treatment, corrosion protection and general workshop equipment.

+280 ITEMS OF EQUIPMENT · 6 CATEGORIES

BRING THE PROGRAMME TO YOUR SITE

LET'S GET STARTED.

AVAILABLE AS · **Turnkey** (Consulting + Equipment + Delivery + Curriculum + Setup)