

TECHNICAL CURRICULUM · CARPENTRY & JOINERY TRADE · FULL-TIME

CARPENTRY & JOINERY

A complete, hands-on training programme for the workshop, furniture making and interior fit-out.

Real wood, real machines, market-ready skills.

THE PROGRAMME

Clean craftsmanship is no accident. This programme builds the skill from the first mark to the fitted furniture.



Carpentry & Joinery is a hands-on, full-time programme for the workshop, furniture making and interior fit-out, including building components.

Across 29 technical modules, trainees progress from wood science, materials and hand skills through machinery and CNC to furniture making, doors, windows, stairs and surface finishing.

The focus is on practice throughout. Learning takes place on real wood, real machines and real tools, with around 1,500 hours of technical learning and more than 130 assessed exercises.

Every technical module follows the same structure, from learning objectives through theory and practical exercises to the assessed test piece, so that competence shows in real work and not just on paper.

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

29

TECHNICAL MODULES · CORE

1,500_h

TECHNICAL LEARNING

130₊

PRACTICAL EXERCISES

2_{years}

FULL-TIME

12-18

TRAINEES PER COHORT

PRACTICAL CURRICULUM

Twenty-nine modules, in eight phases.

From wood science and hand skills through machinery and digital manufacturing to furniture making, building components, finishes and the exam-equivalent final project.

MODULE

01-29 · BY PHASE

01 Workshop & Occupational Safety
FUNDAMENTALS & MATERIALS

02 Wood Science
FUNDAMENTALS & MATERIALS

03 Wood-Based Materials
FUNDAMENTALS & MATERIALS

04 Wood Protection & Sustainability
FUNDAMENTALS & MATERIALS

05 Measuring & Marking Tools
FUNDAMENTALS & MATERIALS

06 Technical Drawing
FUNDAMENTALS & MATERIALS

07 Trade Calculation for Woodwork
FUNDAMENTALS & MATERIALS

08 Sawing, Planing & Chiselling
CORE HAND SKILLS

09 Wood Joints
CORE HAND SKILLS

10 Fasteners & Fittings
CORE HAND SKILLS

11 Basic Project: Small Furniture
CORE HAND SKILLS

12 Machines: Basics & Safety
MACHINERY & CNC

13 Milling, Drilling & Turning
MACHINERY & CNC

14 Tool Care & Sharpening
MACHINERY & CNC

15 CNC & CAD/CAM
MACHINERY & CNC

16 Furniture Design & Construction
FURNITURE & FIT-OUT

17 Carcases, Drawers & Doors
FURNITURE & FIT-OUT

18 Built-in & System Furniture
FURNITURE & FIT-OUT

19 Doors & Frames
BUILDING COMPONENTS

20 Windows & Shutters
BUILDING COMPONENTS

21 Wooden Stairs
BUILDING COMPONENTS

22 Partitions & Drywall
BUILDING COMPONENTS

23 Wooden Floors & Substructure
STRUCTURAL WOODWORK

24 Roof Trusses & Structures
STRUCTURAL WOODWORK

25 Timber Frame & Prefab
STRUCTURAL WOODWORK

26 Surface Finishing
FINISHES & REPAIR

27 Maintenance & Restoration
FINISHES & REPAIR

28 Order, Measurement & Costing
COMPLETION & BUSINESS

29 Final Project
COMPLETION & BUSINESS

EQUIPMENT

Trained on wood and machine.



01

Hand Tools

Saws, planes, chisels as well as marking and measuring tools for hand work.

02

Power & Cordless Tools

Drilling, sanding, milling and the router for guided machining.

03

Stationary Woodworking Machines

Circular saw, surface and thickness planer, band saw and spindle moulder.

04

CNC & Digital Manufacturing

CNC router and CAD/CAM workstations for computer-aided manufacturing.

05

Measuring, Testing & Marking

Moisture measurement, squares, gauges and test equipment for dimensional accuracy.

06

Finishing, Gluing & PPE

Sanding, staining and lacquering equipment, extraction and personal protective equipment.

6 CATEGORIES · FULL WORKSHOP EQUIPMENT

BRING THE PROGRAMME TO YOUR SITE

LET'S GET STARTED.

AVAILABLE AS • **Turnkey** (consulting + equipment + delivery + curriculum + setup)