Apprenticeships

didac national training providers

EXPAND YOUR HORIZON

WOOD MACHINIST – Level 2

COMBINE SKILLS & KNOWLEDGE *with* REAL-WORK ENVIRONMENTS

A Wood Machinist produces components for industry using a wide range of wood working machinery.

This includes setting up, operating and maintaining wood working machines such as saws, planers, moulders, routers and CNC/NC machines.

Wood Machinists will take raw materials and produce components to a given specification to be used in the manufacture of products.

They will often be working individually so being able to motivate themselves and work on their own initiative is essential.

Having a keen eye for detail, apprentices will work in environments from small workshops to large scale factories.

Following this route will allow an apprentice to develop a wide range of skills across different types of wood working machines.

MAKE TRAINING COUNT

Go beyond the classroom.

Didac Limited
Woodwise Academy
Crews Hole Road
Bristol. BS5 8BB

Tel: 0800 773 4230
Email: info@didac.co.uk

In order to ensure sufficient flexibility to meet the needs of the industry whilst maintaining the rigour of every single apprenticeship within it, Wood Machinists will be able to undertake all the mandatory requirements and four of the optional requirements.

MANDATORY

YOU WILL KNOW HOW TO AND BE ABLE TO

ESSENTIAL

Measure and Mark Out	Measure and mark out materials to specification within the acceptable tolerances following standard operating procedures.
Tooling	Select, prepare and maintain woodmachining tooling.
Cutting	Prepare, set up and operate cutting wood machinery.
Planing	Prepare, set up and operate planes. This includes surface planer and thicknesser (can be a combined machine) and four sided planer and moulder (for planed all round).

OPTIONAL

YOU WILL KNOW HOW TO AND BE ABLE TO

<u>Pre-Machining</u>	
Calibrating	Calibrate measuring equipment, keep tools and equipment clear of debris and dirt and ensure tools are kept sharp.
Jigs and Templates	Use and maintain jigs and templates for furniture production. *Jigs are used to ensure repeatability and accuracy in the production of furniture. These can be hand held or mounted on workbenches.*
Profiling	Prepare, set up and operate profiling wood machinery. This includes vertical spindle moulder (straight work), four sided planer and moulder, high-speed router, double-end tenoner, wood turning lathe, copying lathe, linear shaper, rotary shaper machines
<u>Machining</u>	
Boring	Prepare, set up and operate boring wood machinery. This includes single-head machine and multi-head machine.
Sanding	Sand materials for preparation prior to assembly, post-assembly and de-nibbing. Understand grit sizes and the process of sanding. This includes the use of wide belt sander, overhead narrow belt sander, disc sander, bobbin sander, linisher and profile sander.
Edge Banding	Carry out the edge-banding process following standard operating procedures. This includes, edge-banding by hand, colour matching, timber and PVC lippings, calibration and finishing techniques.
Operate Machinery and Equipment	Operate woodworking machinery and equipment to meet company requirements. Prepare tools and equipment including tooling technology and calibration of measuring equipment.
Joints	Prepare, set up and operate wood machinery to produce jointed wood and wood-based products. This includes chisel morticer, chain morticer, slot morticer, dovetailer, vertical spindle moulder, stair router, single-end tenoner, double-end tenoner, round-end tenoner, dowler and router.
<u>Finishing</u>	
Assembly	Assemble components of furniture following standard operating procedures. Understand the sequence of assembly and why this is important.

Duration	Minimum of 1 year, up to 2 years
Maths / English	Apprentices without appropriate English and Maths must achieve these before taking the end-point assessment
End Point Assessment	EPA is the final assessment for an apprentice to ensure that they can do the job they have been training for. EPA is separate to any qualifications or other assessment that the apprentice may undertake during the on-programme stage of the apprenticeship. These can include observation, test, portfolio review, professional discussion. EPA is carried out by an independent organization from Didac