

Work areas (within which the company will be able to place trainees)**Basic programme**

✓ Tick off the appropriate

- Using knowledge of practical, fundamental drawing techniques and projection drawing, including symbols and illustration techniques, to read drawings and diagrams.
- Making sketches and working drawings, including delineation and development related to practical tasks that are relevant to the training programmes, including making electronic working drawings in a CAD program and utilising basic CAD techniques.
- Making measurements and calculations and preparing lists of materials and units stating materials designations, numbers, quantities, lengths and surfaces.
- Using measuring techniques and tools in connecting with marking, assembling, levelling and setting off, also employing relevant measuring standards, levels, values and tolerances.
- Selecting solid wood and sheet materials on the basis of knowledge about common species of wood and wood desiccation.
- Selecting veneers, joining veneers, performing simple jointing of veneers for furniture and building components and explaining surface treatment principles.
- Selecting, setting up, operating and maintaining hand tools, power tools and stationary machinery that are common to the wood and furniture industry on the basis of transmission calculations, cutting speeds, surface quality and grinding media.
- Writing simple CNC programs on the basis of a fundamental knowledge about the structure of CNC machines and using ISO codes in a system of coordinates.
- Laminating, using relevant laminating, clamping and fastening tools as well as equipment for the application of glues and adhesives.
- Describing, analysing and carrying out small-scale design tasks, meeting requirements of functionality, design and aesthetics.
- Explaining the global production and market conditions in the construction sector and the wood and furniture industry as well as the possibilities of further training and work practice in other countries.

Work areas (within which the company will be able to place trainees)**Main programme**

✓ Tick off the appropriate

- Installing, operating and maintaining ordinary hand tools, power tools and standard machinery in workshops and at building sites.
- Selecting wood, aluminium, composite and sheet materials using knowledge about the technical properties of the materials and the ways in which they can be treated and machined.
- Using IT tools to plan and document all work processes related to a specific production job, including selecting machines, tools, materials and machining techniques and, in collaboration with others, solving problems related to the type of production in question and quality control.
- Developing ideas and explaining the need for improvement of work processes on the basis of a good understanding of the role played by a specific work function in the overall value chain of an enterprise in an international perspective.
- Analysing and documenting work in the form of electronic drawings and calculations and performing design tasks on the basis of industry-related matters that involve various styles in the field of craftsmanship, architecture and industrial design.
- Programming, installing and operating PLC, NC and CNC controlled wood machining equipment.
- Performing industrial and artisan surface finishing.
- Joining, gluing and laminating solid wood and sheet materials and furnishing them with fittings by hand or using machines.
- Using and understanding a foreign language in job-related and societal contexts.
- Performing manual and mechanical work procedures in the field of industrial production of furniture made of sheet materials in the categories of sheet elements, individual elements, furniture, kitchen units and other veneered objects in accordance with applicable environmental regulations and health and safety standards.
- Performing mechanical and manual work operations related to the production of seating furniture in the product categories of models, seating furniture and furniture for upholstery in accordance with applicable environmental regulations and health and safety standards.
- Solving problems related to the making of sketches, documentation and planning the production of seating furniture, in collaboration with others.

Work areas (within which the company will be able to place trainees)**Main programme**

✓ Tick off the appropriate

- Performing, in collaboration with others, tasks related to the craftsmanlike production of furniture made of sheet materials, including selecting and using machines, tools, treatment methods and materials associated with the production of storage units, writing desks and tables, and organ parts in accordance with applicable environmental regulations and health and safety standards.
- Planning, documenting and performing tasks in collaboration with others in the craftsmanlike production of furniture made of solid wood, including selecting and using machines, tools, materials and treatment methods such as traditional joining, gluing and veneering techniques, and surface finishes in accordance with applicable environmental regulations and health and safety standards.