

Country	D	PL	CZ	LT	BG	RO
Job title	Mechatroniker	Fitter mechatronician Technician Mechatronician	Mechatronics Mechatronician	Mechatronics automation systems maintenance technician Engineer of Mechatronic Systems	Mechatronic	Mechatronics Technician
Education contents						
Professional training, industrial- and collective bargaining law						
Meaning of the indentures, particularly explaining duration and completion.	x	x	x	x	x	x
Stating mutual rights and duties from the indentures.	x	x	x	x	x	x
Stating possibilities of further vocational education.	x	x	x	x	x	x
Stating essential parts of the contract of employment.	x	x	x	x	x	x
Stating essential terms of the wage agreements applying to the training business.	x	x	x	x	x	x
Structure and organization of the education business						
Explaining structure and tasks of the training business.	x		x	x	x	x

Explanations of basic functions of the training business such as procurement, production, sales and administration.	x			x	x			x	x
Stating relations of the training business and staff with economic organizations, job representatives and labour unions.	x			x	x			x	x
Describe bases, tasks and mode of operation of the constitution of the business or staff representation legal organs of the training business.	x			x	x			x	x
Safety and protection of health at work									
Stating endangerment of safety and health at work and taking measures for its avoidance.	x	x	x	x	x	x	x	x	x
Applying vocationally orientated maintenance of industrial health and safety standards and accident prevention regulations.	x	x	x	x	x	x	x	x	x
Describing behaviour at accidents as well as initiating safety-first measures.	x	x	x	x	x	x	x	x	x
Applying regulations for preventive fire protection; describing behaviour at fires and carrying out fire fighting measures.	x	x	x	x	x	x	x	x	x
Environmental protection									
<i>Contributing to the avoidance of ecological damage due to business activities, particularly:</i>									
Possible ecological damages by the education business and its contribution to environmental protection, explain examples.	x	x	x	x	x	x	x	x	x
Applying valid regulations of environmental protection for the education business.	x	x	x	x	x	x	x	x	x
Use possibilities of economic and environmentally harmless energy and material.	x	x	x	x	x	x	x	x	x
Avoid waste, dispose of substances and materials in an environmentally harmless manner.	x	x	x	x	x	x	x	x	x
Operational and technical communication									
Obtaining and judging information.	x	x	x	x	x	x	x	x	x
Carry out conversations with supervisors and employees and in the team situation in a respectful way, represent facts, use German and English technical terms.	x		x	x	x	x	x	x	x

Using possibilities for conflict regulation.	x	x	x	x	x	x	x	x	x
Handle IT equipment, particularly use software, attach and use peripherals.	x	x	x	x	x	x	x	x	x
Protecting and safeguarding data.	x	x	x	x	x	x	x	x	x
Prepare protocols and reports, use standard software	x	x	x	x	x	x	x	x	x
Reading and using partial, group and complete drawings.	x	x	x	x	x	x	x	x	x
Reading and using wiring documents of assemblies and equipment with pneumatics and hydraulics.	x	x	x	x	x	x	x	x	x
Reading and using electrical plans, block, function, construction and connection plans.	x	x	x	x	x	x	x	x	x
Prepare outlines and parts lists.	x	x	x	x	x	x	x	x	x
Update technical plans of assemblies, machines and plants.	x	x	x	x	x	x	x	x	x
Use technical sets of rules, operator's manuals, work instructions and other technical information in English, too.	x	x	x	x	x	x	x	x	x
Using presentation techniques.	x	x	x	x	x		x	x	x
Explaining products and work results at handing-over and explaining of functions.	x	x	x	x	x		x	x	x
Use operational information and communication systems.	x	x	x	x	x	x	x	x	x
Workflow management, checking and judging work results									
1st education year/5 weeks									
Fixing work steps according to functional, production technical and economic criteria.	x	x	x	x	x		x	x	x
Fixing and guaranteeing workflows according to organizational and informational criteria.	x	x	x	x	x		x	x	x
Plan work in the team and distribute tasks.	x	x	x	x	x	x	x	x	x
Planning and setting up work place.	x	x	x	x	x	x	x	x	x
Requesting and providing material, tools and aids to order.	x	x	x	x	x	x	x	x	x
Preparing processing machines for the work process.	x	x	x	x	x	x	x	x	x
2nd education year/3 weeks									
Checking tools, processing machines, and measuring tools as well as making technological facilities operational, maintaining as well as starting measures for fault elimination.	x	x	x	x	x	x	x	x	x
Checking, assessing and documenting your own results and others'.	x	x	x	x	x		x	x	x

