	Title of the Project: **European Partnership in Pneumatic Project (EPIPP)**		
Prerequisites:	- Basic knowledge of electricity, relay. - Basic knowledge about most common sensors (inductive, mechanical). - Basic knowledge of PLC handling, I/O. - Basic knowledge of computer handling.		
Work tasks:	- Applying general safety rules according to the machinery Directive and annexes. - Work with and complete the FESTO CBL-Course - Writing pneumatic schemas - Writing electrical schemas - Simulation of the system in Fluid-Sim - Assembling pneumatic circuits - Assembling electrical circuits - Fault finding in the system and troubleshooting.		
Learning Outcomes:	*Knowledge*	*Skills*	*Competence*
	- He/She knows to define the basic sequential automatic processes. - He/She knows how to adjust mechanical and pneumatic elements. - He/She knows to recognize pneumatic symbols and in which norm to find them.	- He/She is able to analyse the process that has been controlled. - He/She is able to prepare tools and equipment. - He/She is able to check and measure the circuit using a pneumatical diagram. - He/She is able to diagnose the state of elements of pneumatic systems	- He/She is responsible for defining phases of operations based on instructions received. - He/She is responsible for monitoring the functioning of tools and equipment and taking care of routine maintenance activities.
	- He/She knows to recognize electro technical symbols and knows in which nom to find them.	- He/She is able to check and measure the circuit using a wiring diagram.	- He/She is responsible for the correct functioning of the installation using the module's diagrams.
	- He/She knows how to recognize if a machine is working in proper conditions	- He/She is able to decide if a component is broken or working properly. - He/She is able to use the program to monitor the process for fault finding - He/She is able to check and measure the circuit using a wiring diagram.	- He/She is responsible for applying the right strategy to fix identified faults.
	- He/She knows how to describe the general safety rules.	- He/She is able to point out when a machine does not meet with certain safety standards. - He/She is able to work in proper conditions by trying to avoid any kind of risk.	- He/She is responsible for applying general and specific branch related safety rules and procedures in his/her work.
			- He/She is responsible for sharing knowledge, experience and insight.