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- ❖ PLC in the automation environment
- ❖ Set-up and function of a PLC
- ❖ Tasks of the input/output assemblies
- ❖ Centralized and decentralized I/O
- ❖ System project planning and programming using Indraworks Engineering
- ❖ Programming languages LD, ST and FBD
- ❖ Step chain programming in SFC
- ❖ Basic commands of the PLC with transfer tasks
- ❖ Creating, loading and testing simple programs
- ❖ Data backup and data restoration

Learning targets

- ❖ Transferring the basic PLC knowledge on the integration of more components (drives, bus systems, visualizations, etc.) into one system
- ❖ Understanding basic modes of operation and connections of the PLC technology, incl. application and test at the training system
- ❖ Basis for advanced training courses on the topic
- ❖ Developing automation systems using PLC

PLC Laboratory

