

## COURSE CONTENT "2 DAYS"

### Machining step programming with S7-GRAPH

#### Prerequisites

- Basic knowledge of Windows PC
- SIMATIC S7 Advanced Training Course

#### Contents

- Time- and process-controlled sequential control systems
- Representation options for sequencers
- Installation of the S7-GRAPH programming software
- S7-GRAPH programming software as a component of STEP 7
- Creating a project with hardware configuration and symbol table in STEP 7
- Creating an S7-GRAPH function block
- Elements of a sequencer in S7-GRAPH (Step / Transition / Branch / Jump ...)
- Creating and compiling a sequencer with S7-GRAPH
- Loading and testing a sequencer program in a PLC
- Monitoring the sequencer in S7-GRAPH
- Monitoring / controlling tags
- Sequence control with S7-GRAPH
- Synchronizing a sequencer with process in S7-GRAPH
- Diagnostic functions with S7-GRAPH
- Machining step programming with boundary conditions in S7-GRAPH
- Input / output parameters of S7-GRAPH function blocks
- Interlocking functions at S7-GRAPH (Interlock)
- Monitoring functions at S7-GRAPH (Supervision)

This program serves as the lead and guideline for the course, with us placing great value on the practical applications.

We will naturally be pleased to deal with any individual suggestions, wishes and questions from the participants.