# BASIC COURSE (STANDARD ROBOT)

## ROBOTS | BASIC COURSE

### TARGET GROUP

- Plant operator
- maintenance staff
- Programmer

### PRIOR KNOWLEDGE

None

### DURATION

4,5 days

### NUMBER OF PARTICIPANTS

6-8

### DESCRIPTION

Industrial robots are standard equipment in industry today. Our basic course is an excellent introduction to using these robots efficiently. The individual components are explained to you and faults are worked through. You will learn how to move freely without collisions, move to positions in different coordinate systems and save or correct them.
or to correct them. Learn how to measure a tool or a user coordinate system. Create simple programmes, use counters to trigger jumps through conditional branches, use inputs and outputs in the programme to trigger various reactions, back up data to save your programmes and your configuration. This course is a gain for you and your company in the area of handling.

### Goles

- programming the robot with standard commands

### TOPICS

- Occupational safety according to current EN/ISO
- Basic settings of the robot
- Structure, handling of hand-held control unit
- Manual traversing options in the coordinate systems
- Setting the tool and user coordinates
- Setting axis limits / payload
- Creating and testing programmes
- Standard traversing instructions
- Standard logistics instructions
- Tool offset instructions
- Creating macros
- Programme-related troubleshooting
- Data backup