

## Basic Operator/Programmer Course

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*The course lasts 8 hours and consists of a theoretical part on the Epson simulator and on both SCARA and anthropomorphic robots/controllers.*

### *Main topic of the course*

- *Overview of the components that make up the Epson robotic system*
- *Backup and restore of parameters and the stored project*
- *Overview of the development environment "EPSON RC+ 7.0"*
- *Precautions and safety of use*
- *Basic structure of a project*
- *Creation of a new project*
- *Storage and modification of work positions*
- *Spell+ programming language*
- *Movement modes (GO PASS MOVE JUMP etc.)*
- *PTP and Interpolated speed setting*
- *Multitasking*
- *Manual work cycle start and I/O control*
- *Program debugging (break-points, changing Global variables during execution, etc.)*
- *Overview and analysis of existing projects and/or creation of a draft project to be realized*
- *Identification of errors and possible causes of robot malfunction*
- *FAQ*

*The course can be customized based on questions and requests that may arise during the day. At the end of the day, a basic pick & place program will be created with both SCARA and anthropomorphic robots*

**SINTA SRL**