



PROGRAMMING PLC AND MANAGING PERIPHERAL UNITS



Objectives

Be able to use the robots' most advanced functions



Program

THE CNC'S INTERNAL VARIABLES

Simple variables (IN, OUT, BITS)
PLC characteristics and language
Structured variables (WORDS)
Monitoring PLC

MANAGING PERIPHERALS

CNC'S possibilities
How to automation work
Multiples parallel subroutines
Sequential and combinational programming of PLC's
Studying real applications

SETTING THE CNC's PARAMETERS

Configuring the virtual cams'
Configuring the CNC's inputs / outputs
Icons or customized keys
Studying real applications



Training Methods

All of our courses are based on alternating between the transfer of know-how and good practice, with concrete exercises and real-life situations.

All trainees will be given a folder containing the documents, exercises and corrections of the practical work done during the course.



Assessment Methods

Trainees are assessed by the trainer for each module to measure the knowledge acquired at each step of the course, through practical work.

Date

To be determined

Place

The SEPRO Campus (La Roche sur Yon/85)
The training center (Groissiat/01) -

Duration

3 days / 21 hours

Target trainee

Setters
Maintenance technicians
Methods technicians

Number of participant

3 to 6 people maximum

Equipment

Rooms equipped with board (interactive, paperboard, white board, video projector)
Provision of robots with control systems (1 robot for 2 to 3 people)
Please come with a laptop

Required knowledge

Be able to write a simple part grip and release program

Access to training

The required knowledge will be validated on the results of the assessment questionnaires

Formalization of the training

Attendance sheet provided by SEPRO