

## Programmazione avanzata SINUMERIK 840D (NC-84D-P2)

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### Short Description

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This course will allow you to deepen your knowledge of parametric programming for the numerical controls of the SINUMERIK 810D, 840D and FM-NC series.

### Objectives

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After attending the course, you can:

- Implement parametric programming techniques
- Create parametric loops
- Perform synchronous actions

### Target Group

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Commissioning engineers  
Engineering personnel  
Service personnel

### Content

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- Use of R parameters and new GUD variables
- Activation of cycles and GUD variables
- Parametric programming techniques: global variables, local variables, calculation between parameters
- System variables: FRAMES, tool offsets, axis position, etc.
- Parametric cycles
- Synchronous actions

The theoretical knowledge will be deepened with numerous practical exercises.

### Prerequisites

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NEP8D course or equivalent basic knowledge of numeric control systems.

### Type

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Face-to-face training

### Duration

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4 days

### Language

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