

## Курс NC-840D-HL (SINUMERIK 840D/840D sl. SINUMERIK. Язык программирования высокого уровня) / NC-840D-HL – SINUMERIK 840D/840D sl. Programming language of high level (NC-840D-HL)

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### Краткое описание

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The course is intended for the technologists-programmers who are developing the operating programs on machines with SINUMERIK 840D/840D sl and having experience of programming for SINUMERIK machines which completed a basic course of programming of NC-84D-P. On a course questions of programming for SINUMERIK 840D/840D sl are more profoundly considered.

### Содержание

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- Programming bases
- Change of the tool
- Movements of a spindle and alarm system
- Positioning of rotary axes and spindles, giving corrections, giving optimization
- Programmable shift of the tool, correction of radius of the tool and 2-D correction of the tool
- Giving regulation, positioning of axes
- Control modes by a trajectory, smoothing of a contour
- Frames
- Support functions
- Influence on acceleration of axes
- Types of data
- Calculation functions
- Indirect programming
- Transformation of types, interrelation with the STRING type
- Program transitions
- Branching of programs, repetition of sites of the program
- Cycles
- Coordination of work of programs in different channels
- Work with files
- Subprogrammes
- Change of level of access to data
- Use in the operating program of data on the tool
- Synchronous actions
- System variables, data of axes. Movement on a rigid emphasis

### Требования к участнику

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Training on the course NC-84D-P or existence of basic knowledge on programming for SINUMERIK

### Тип

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Индивидуальный курс

### Длительность

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5 дни

### Язык

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