

Course description:

Course name: Programming course WinFlexIPS + Plus

Course no.: 6.3 - 6.12 (basic course + series-specific advanced courses)

Participants:

Programmers and operators with programming experience who want to use a WinFlexIPS system for computer aided programming.

Course content:

- Theoretical and practical introduction to the flexibly configurable programming system (WinFlexIPS)
- Explanation of the required functions of the TX8i-s / TX8i / TX8H / TX8F controls
- Practical exercises to operate the graphical screen with its menu control buttons and softkeys are part of the course.

The course will cover the following topics:

- Structure and working principle of WinFlexIPS (control functions)
- Programming of workpieces of increasing difficulty level for single-slide and multi-slide lathes
- Geometry macros for plunging (parameterized subprograms) - Symbolic dimensioning
- Programming with parameters for part families
- Graphic simulation
- Polyform
- Milling
- Tool dimensioning
- Workpiece - two-sided machining / main spindle / counter spindle
- Tool management
- Transfer of programs

WinFlexIPS Plus

- Optimization and simulation in automatic mode in 3D model
- Collision calculations
- Machine operating panel on PC
- Training of control - operating functions on the PC

WinCAD

- Creating WinFlex geometry from DXF data
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Participation requirements:

- Knowledge of turning and turning tools
 - Knowledge of machining sequence and tool use
 - Basic knowledge of PC/Windows
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Course duration:

4 days - from Monday (9:00 am) to Thursday (4:00 pm)

3 days - from Monday (9:00 am) to Wednesday (4:00 pm) (for TNA series)

1/2 day - Thursday or Friday (9:00 am to 12:00 pm) WinFlexPLUS/Engraving

Course location:

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