Short Description

This course is for NC part programmers, fitting engineers and machine operators who work on 5-axis machines and machines with swiveling tools. The course covers special aspects of operation and programming, and addresses HSC issues for applications that use SINUMERIK 840D sl controls.

Target Group

Programmers

Content

- Introduction and overview of transformations
- 5-axis transformation and 5-axis machine
- 3D tool offset and relevant tool data
- Face milling, circumferential milling and HSC issues
- Manual control for active transformation
- Online tool length offset
- Machining oblique surfaces with swiveling tools, with and without 5-axis transformation
- Swiveling cycle, system frames
- Practical demonstrations and exercises using a 5-axis training machine.

Prerequisites

Experience in Windows is desirable

Type

Face-to-face training

Duration

4 days

Language

ru

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