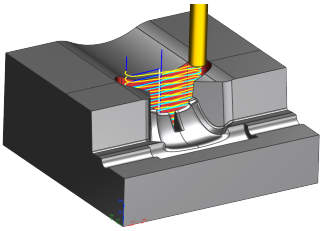
Express: NX CAM basics

Objective

This seminar covers the main basic functionalities and opportunities provided by the NX CAM module in the areas of 2D rough machining and finishing as well as simple drilling. The process-based philosophy and the effective use of the NX CAM module is taught using practical examples. The integration and consistency of NC machining on NX and in the customer's area of application will also be analysed and established.



Content

- The NX program package (concept, history)
- CAM process based on the Master Model Concept with Wave Technology
- Basic process from modelling through to production
- Working with the ONT Operation Navigation Tool (philosophy, tree structure)
- Machining of simple geometries such as slots, planar surfaces etc. (roughing, finishing) with the Floor Wall module
- Basic drilling modules (drilling, sinking, reaming, tapping) using the Hole Making module
- Toolpaths check (verification)
- Workshop documentation (Shop Doc), machine control and post-processing

Additional Requirements

General principles of NC programming, participation in the "Express: NX CAD basics" seminar, or equivalent NX/CAD training and NX experience.

Additional informations for the duration

Additional days of on-site practical application is recommended.

Basic Course

Duration

2 Days

Language

German

Documentation

German

Participants

- Production engineers
- NC programmers
- production planning employees

Required Trainings

- Express: NX CAD basics