

Course description:

Course name: **Servicing course in electrical system
for CNC lathes of the ABC series with FANUC 31i**

Course no.: **104**

Training goal:

- Localization and elimination of malfunctions
 - Carrying out service work
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Course content:

- Control
 - Structure and function
 - PMC
 - CNC and control panel
 - Maintenance work (battery replacement)
 - Diagnostic equipment, important machine data
 - Safety principle, diagnostic options
 - PLC status
 - Data backup and data transfer
 - Manual operation of units
 - Handling of fault tables
 - Circuit diagrams
 - Turret indexing
 - Feed drives
 - Structure, Functions and diagnosis equipment
 - Main spindle drives
 - Structure, Functions, diagnostic equipment, and encoder setup
 - Measuring systems
 - Functions of additional devices
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Participation requirements:

- Knowledge in CNC and electrical engineering
 - Training as electrician
 - **Safety shoes must be brought along and worn during the entire course.**
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Course duration:

4 days - Monday (9:00 am) to Thursday (16:00)

Course location:

INDEX-Werke GmbH & Co. KG

Hahn & Tessky

Reichenbach Plant

Hauffstrasse 4

73262 Reichenbach, Germany

Email: schulung@index-werke.de

Phone +49-7153-502-525